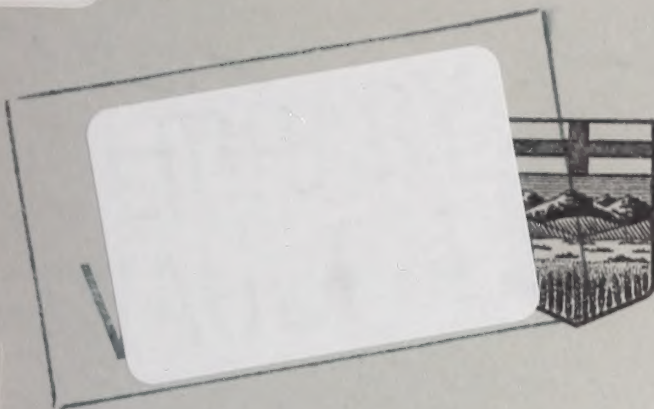


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ANNUAL REPORT

OF THE

**DEPARTMENT
OF HIGHWAYS**

OF THE

PROVINCE OF ALBERTA

1958 - 59

PUBLISHED BY
ORDER OF THE LEGISLATIVE ASSEMBLY

1959

Printed by L. S. WALL, Printer to the Queen's Most Excellent Majesty
EDMONTON, ALBERTA



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EDMONTON, August 26, 1959.

To His Honour,

J. J. BOWLEN,

Lieutenant Governor of the Province of Alberta.


Sir:

The undersigned has the honour to submit herewith the Report of the Department of Highways for the year ended March 31, 1959.

Respectfully submitted,

GORDON E. TAYLOR,

Department of Highways



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GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

**REPORT OF THE
DEPUTY MINISTER OF HIGHWAYS
For the Fiscal Year ended March 31, 1959**

Hon. Gordon E. Taylor,
Minister of Highways.

Sir:

I have the honour to submit herewith the report covering the activities of the Department of Highways for the fiscal year ended March 31, 1959.

HIGHWAYS MAINTENANCE AND FERRIES

The mileage of Main Highways maintenance during the year was 5,562 miles. The amount of \$4,817,933.19 was expended for main and secondary highways. The sum of \$9,186,891.28 was expended for construction and maintenance of district highways and local roads in Improvement Districts, Counties, Municipal Districts and Special Areas.

Expenditure to the amount of \$252,820.16 was incurred on 106 Wayside Camp Kitchens.

The sum of \$408,536.21 was expended for Winter Works Incentive Programme.

There were 43 ferries operated by the Province during the season with a total expenditure on ferry construction, reconstruction, operation and maintenance of \$365,768.10.

HIGHWAYS CONSTRUCTION

During the 1958-59 season, 225.25 miles of subgrade and 23.23 miles of grade construction were completed. 3.08 miles of subgrade were widened and 281.83 miles of highway were gravel surfaced.

On the Trans-Canada Highway, between Calgary and Banff, the sub-grade construction contract from West Calgary to Bowness and two stabilized base-course contracts, Bowness to South of Cochrane and South of Cochrane to South of Radnor, which commenced in the 1957 season, were completed.

Subgrade construction on the four-lane divided highway from South

of Bowden to South of Red Deer, which commenced in 1957, was completed.

Under the new Federal-Provincial Roads to Resources Agreement, the reconstruction of the Mackenzie Highway was commenced.

Under the programme of constructing access roads to Towns, adjacent to main and secondary highways, eight projects of grade construction and eleven projects of sub-grade construction were completed.

BRIDGE CONSTRUCTION AND MAINTENANCE

During the 1958-59 construction season, 19 departmental bridge crews were engaged in bridge construction and maintenance. There were eleven contracts awarded for bridge construction during this period.

Four major bridges are still under construction and do not appear in the summary of bridges completed. They are the Red Deer River bridges at Sundre, Drumheller and Morrin and the Peace River Bridge at Dunvegan.

There were 3 steel bridges, 17 concrete bridges, 11 concrete culverts and 25 metal culverts constructed on main highways including Trans-Canada Highway. The following have been constructed on other than main highways: 3 steel bridges, 8 salvage steel bridges, 157 concrete bridges, 6 concrete culverts and 233 metal culverts. The reconstruction and maintenance of existing structures was carried out on 368 bridges.

SURVEYS

The activities of this branch are contained in the report of the Director of Surveys.

LOCATIONS

The activities of this Branch are contained in the report of the Chief Locations Engineer.

MOTOR VEHICLE BRANCH

(Highway Traffic Board)

The activities of this Branch are contained in the report of the Registrar of Motor Vehicles.

Respectfully submitted,

A. FRAME,

Deputy Minister of Highways

MAINTENANCE BRANCH**DEPARTMENT OF HIGHWAYS
MAIN AND SECONDARY HIGHWAYS MAINTENANCE****DISTRICT HIGHWAYS AND LOCAL ROADS
COUNTIES, MUNICIPAL DISTRICTS AND LOCAL
IMPROVEMENT DISTRICTS
FERRIES OPERATION, MAINTENANCE,
REPLACEMENTS AND INSTALLATIONS,
WAYSIDE CAMPSITES,
WINTER WORKS INCENTIVE PROGRAM****Chief Maintenance Engineer**

The maintenance of main and secondary highways, the construction and maintenance of district highways and local roads in Local Improvement Districts, the construction and maintenance of district highways and local roads in Counties and Municipal Districts where assistance is given by grants, and the operation, maintenance and construction of ferries were carried out under the supervision of ten District Engineers and five Assistant District Engineers. The construction and maintenance of wayside campsites adjacent to the highways is also supervised by the District Engineers.

The construction season of 1958 was exceptionally good and full advantage was taken of excellent weather conditions throughout the season.

Light snowfall over most of the Province during the winter of 1958-59 resulted in low snow removal expenditures and the maintenance of highways and district highways was below the average annual costs. Considerably more sanding of icy highways and roads was undertaken and these operations resulted in the greater proportion of winter maintenance costs.

An agreement was completed with the Federal Government to construct wayside campsites, the agreement effective November 1st, 1958 to May 31, 1959. Under this agreement one hundred and six wayside campsites were constructed, were under construction, or were improved during the fiscal year ending March 31st, 1959. This total includes campsites constructed during April and May, 1958, under the agreement in effect with the Federal Government for the fiscal year 1957-58.

An agreement was completed with the Federal Government to institute a Winter Works Incentive Program to provide winter employment for seasonal employees. Work under this agreement commenced December 1st, 1958 and terminated May 31st, 1959. A total of 19,407.5 man-days employment was provided by this program at the end of the fiscal year, March 31st, 1959. Labour costs for work undertaken under this program were paid 50% by the Federal Government, 25% by the Department of Municipal Affairs and 25% by the Department of Highways under Special Warrant # 64.

Detailed information covering expenditures for the fiscal year 1958-59 is contained in the following statements as submitted with this report.

(1) Statement showing expenditure on maintenance of main and secondary highways:

	Gravelled	Asphalt	Total
Main Highways — miles	1,273	2,477	3,750
Secondary Highways — miles	1,613	199	1,812
Totals	2,886	2,676	5,562

Regravelling of main and secondary highways, maintenance, snow removal, centreline striping, pavement messages at railway crossings, school zones and other locations, the erection of traffic safety and control signs on highways and the maintenance of highway campsites were carried out. Following are details of expenditures:

General Maintenance	5,562 miles	\$3,900,164.48
Snow Removal	5,562 miles	263,319.97
Regravelling	506.5 miles	447,219.97
Centreline Striping and Pavement Messages	980.5 miles	74,935.05
Erection and Maintenance of Highway Signs		132,293.72
Total		\$4,817,933.19

(2) Statement showing the distribution of expenditures from income account on the construction and maintenance of district highways and local roads in Local Improvement Districts, Counties, Municipal Districts and Special Areas, as follows:

Local Improvement Districts	\$3,404,228.50
Counties and Municipal Districts	3,599,996.44
Special Areas	125,000.00
Special Contingencies Appropriation	1,560,823.20
Natural Resource Roads Appropriation	496,843.14
Total	\$9,186,891.28

Details of work accomplished as follows:

Miles of roads graded	3,552
Miles of roads gravelled	4,461
Miles of roads asphalt surfaced	5

(3) Statement showing the expenditures incurred by the operation, maintenance, and construction of ferries from both Capital and Income accounts. There were 43 ferries operated by the Department during the season. Replacement scows were constructed at Lindbergh Ferry and Hutton Ferry to replace condemned scows.

During the season, bridges were constructed and opened to eliminate ferry operation at Bowslope Ferry site and Grovedale Ferry site.

Summary of ferry expenditures as follows:

Operation and maintenance of ferries, including replacement of scows as detailed above (Vote 2103 B)	\$365,768.10
New installations (Vote 2152 B)	nil
Total	\$365,768.10

(4) Statement showing the expenditures made in connection with way-side Campsites as follows:

Campsites constructed or partially constructed under Vote 2114 B	\$ 33,189.85
Campsites constructed or partially constructed under Special Warrants #4 and #48/58 as at March 31, 1959, under the Agreement with the Federal Government	219,630.31
Total	\$252,820.16

(5) Statement showing the expenditures made in connection with the Winter Works Incentive Program as follows:

Work performed under Special Warrant #64/58	\$408,536.21
--	--------------

(6) Total Expenditures as follows:

Highway Maintenance	\$ 4,817,933.19
Local Improvement Districts, Counties, Municipal Districts and Special Areas	9,186,891.28
Ferries	365,768.10
Wayside Campsites	252,820.16
Winter Works Incentive Program	408,536.21
Total Expenditure	\$15,031,948.94

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

MAIN HIGHWAY MAINTENANCE

**EXPENDITURES ON MAINTENANCE OF MAIN
AND SECONDARY HIGHWAYS**

For the Year ended March 31, 1959

Hwy. No.	Location	Miles	Amount
1A	Walsh to Bassano	124	\$ 31,870.22
3A	Medicine Hat to Grassy Lake	49	20,100.37
36B	Brooks to Duchess	14	29,135.48
48A	Irvine to Wildhorse	71	29,342.11
2A	Carway to Nanton	104	79,808.25
3B	Grassy Lake to Crowsnest	149	139,637.01
4A	Lethbridge to Coutts	63	42,320.93
5A	Lethbridge to Waterton	71	16,063.73
6A	Pincher to Waterton	30	49,262.61
23A	Monarch to Champion	33	6,328.48
25A	Lethbridge to Turin	38	12,907.31
36A	Taber to Bow River	34	6,675.08
52A	Welling to Craddock	15	1,530.12
1B	Bassano to Banff Park Gates	146	48,073.52
1B1	Chestermere Junction to Calgary	7	4,869.05
1B2	Calgary to Canmore	66	58,729.62
2B	Nanton to Didsbury Corner	85	88,619.34
2B1	Dewinton through Okotoks to High River	21	8,165.44
2B2	Mile 33.11 to Didsbury	14	5,828.90
7A	Okotoks to N.E. Cor. of 17-18-2-5 Little New York ...	24	10,753.68
8A	Calgary to Bowness Park	5	3,548.93
9A	Inverlake to S.E. Corner 16-28-21-4	68	14,971.00
9B	S.E. Corner 16-28-21-4 to Alsask	134	39,529.55
10A	Drumheller to Wayne to East Coulee	17	8,860.35
21A	Beiseker to Twining	25	12,073.59
22A	Midnapore to Black Diamond	31	21,640.78
23B	Champion to High River	52	26,811.03
24A	Vulcan Corner to Cheadle	44	23,998.72
26A	Carbon West and South	13	6,719.83
36C	Hanna to Garden Plains	20	19,160.09
2D	Wetaskiwin to Edmonton	40	87,984.50
13A	Hayter to Wetaskiwin	155	92,986.83
14A	Junction #17 Hwy. to Edmonton	163	97,235.28
15A	Fort Saskatchewan to Mundare to Jct. #16 Hwy.	43	64,787.60
16A	Lloydminster to Edmonton	151	97,118.92
16A1	Clover Bar Refineries to Edmonton	7	240.50
17A	*Lloydminster to South and North	53	25,755.93
21C	Bashaw to Ervick	31	17,217.51
36D	Battle River to Saskatchewan River	102	56,748.18
41A	15 Miles South of Wainwright to Elk Point Bridge ...	89	87,767.88
45A	S. of Bruderheim to Alberta-Sask. Boundary	151	89,330.82
55A	Bremner to Fort Saskatchewan	10	3,463.24
2C	Didsbury Corner to Wetaskiwin	98	83,982.33
2C1	Didsbury to South of Red Deer on Highway #2A	36	5,209.35
11A	Red Deer to Nordegg	106	63,522.93
12A	Compeer to Nevis	143	48,429.45
12B	Nevis to Norbuck	97	53,659.95
19A	Wetaskiwin to Norbuck	51	58,064.97
2A	Bentley to Sylvan Lake	11	6,863.95
21B	Twining to Bashaw	76	61,218.32
27A	Junction #2 Hwy. East of Olds to Sundre	27	9,198.65
36C	Garden Plains to Battle River	41	14,995.01
42A	Penhold to Lousana	28	14,745.26
50A	Tees to Mirror	9	3,296.96
51A	Bentley to Gilby	19	10,932.15
53A	Ponoka East to Junction #2 Highway	28	8,797.68
54A	Innisfail to East of Ricinus	43	34,947.57
56A	Stettler South to Junction #9 Highway	47	10,785.77
28B	Spedden to Cold Lake	103	154,350.90

36E	Duvernay to St. Brides Corner	20	17,263.59
41B	Elk Point Bridge North to Junction #28 Hwy.	8	21,851.67
46B	Lac La Biche to Spruce Valley Corner	33	22,334.41
16B	Edmonton to Jasper Park Gates	197	325,190.70
16B1	Highway #16A through Jasper Place	2	21.53
29A	Jasper Highway to Edmonton Beach	4	2,219.51
30A	Jasper Highway to Kapasiwin Beach	3	985.55
31A	Jasper Highway to Seba Beach	2	885.42
32A	Junction #16 Highway to McLeod River	11	4,325.51
33A	Junction #43 Highway to Alberta Beach	7	3,237.51
38A	Edmonton to Country Club Road	2	11,470.48
39A	Leduc to Norbuck	53	66,434.71
43A	Carvel Corner to Fox Creek	132	182,198.52
47	Bickerdike to Leyland	59	33,943.06
47A	Leyland to Luscar	4	4,694.52
47B	Coalspur to Foothills	12	2,635.01
57A	Junction Highway #16 to Alsike	51	54,302.24
2E	Edmonton to Faust	219	433,608.56
15A	Edmonton to Fort Saskatchewan	14	14,029.81
18A	Clyde to Fort Assiniboine	57	37,262.88
28A	Edmonton to Spedden	102	75,650.53
37A	Namao to Gibbons	19	38,994.63
44A	Westlock to Smith	76	63,974.82
46A	Spruce Valley Corner to Junction of Hwy. #28	63	37,824.77
2G	Dunvegan to Pouce Coupe	111	110,580.42
34A	Little Smoky Riv. to Jct. Hwy. #2 N. of Grande Prairie	95	138,811.92
43B	Valleyview to Fox Creek	54	45,580.80
49B	Watino to B.C. Boundary	98	111,689.25
2F	Faust to Dunvegan	186	332,119.03
2F1	Donnelly to Little Smoky River	22	2,358.80
35A	Grimshaw to N. Boundary of Alberta	300	272,116.99
49A	Donnelly to Watino	21	45,882.60
E23	City of Medicine Hat		4,085.00
E28	City of Red Deer		1,870.00
E37	City of Camrose		1,015.00
E42	City of Drumheller		450.00
E43	City of Wetaskiwin		710.00
E47	City of Lethbridge		2,920.00
E71	City of Edmonton		17,905.00
E72	City of Calgary		11,645.00
E90	City of Grande Prairie		315.00
E149	City of Lloydminster		295.00
	General		16,703.66
	Unemployment Insurance		11,068.07
	Board		2,405.24
	Micro Wave		1,092.96
		5,562	

Appropriation 2105B \$4,817,933.19

*Maintenance by the Province of Saskatchewan

50% of Maintenance Cost borne by the Province of Alberta by agreement.

Appropriation 2109 — Roads Branch Maintenance

Administration — Salaries	\$227,156.41	
General	69,538.02	\$296,694.43

Appropriation 2112

Highway Safety Control	\$19,432.70
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Appropriation 2114

Wayside Campsites	\$33,189.85
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S.W. 4 & S.W. 48

Camp Grounds	\$219,630.31
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S.W. 64

Winter Works	\$408,536.21
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GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

EXPENDITURE ON CONSTRUCTION AND MAINTENANCE
OF DISTRICT HIGHWAYS AND LOCAL ROADS

For the Year ended March 31, 1959

GRANTS TO IMPROVEMENT DISTRICTS

I.D. No.	Total	I.D. No.	Total
I.D. 8	\$ 1,021.92	I.D. 111	\$ 85,790.59
10	34,359.31	122	8,607.76
11	212,776.73	123	58.25
22	29,203.27	124-D9	40,872.29
27	77,040.06	124-D12	8,449.49
42	102,670.37	125	133,462.13
50	1,372.12	126-D11	89,839.42
58	27,201.26	126-D12	5,904.69
65	305,569.78	128	17,547.41
68	1,822.42	129-D9	326.07
69	1,766.91	129-D12	3,472.67
77	42,898.15	131	115,694.37
78	242,746.85	132	198,626.86
79	329.03	134	207,359.87
85	4,787.11	138	128,533.19
95	135,334.41	139	218,555.15
96	4,009.24	143	15,621.28
101	93,218.50	146	7,555.82
102	204,056.40	147	121,590.21
107	95,166.37	149	156.40
108	110,059.84	946	4,989.14
109	120,891.80	General	4,930.15
110	1,649.89	Unemployment Insurance ..	3,834.40

INDIAN RESERVES:

BIR Dist. 2	\$ 34,342.59
PIR Dist. 2	3,532.53
IR Dist. 4	32,988.08
IR 137 Dist. 6	1,497.36
IR 138A Dist 6	72.75
IR 123 Dist. 7	56.42
IR 125 Dist. 7	7.15
IR 128 Dist. 7	62.78
IR 149 Dist. 7	60.54
IR 133 Dist. 8	14.00
IR 135 Dist. 8	30.60
IR 134 Dist 9	59,823.65
IR 150 Dist. 9	10.70

Appropriation 2106-1 \$3,404,228.50

Grants to Special Areas, Appropriation 2106-2 \$ 125,000.00

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

EXPENDITURE ON CONSTRUCTION AND MAINTENANCE
OF DISTRICT HIGHWAYS AND LOCAL ROADS

For the Year ended March 31, 1959

GRANTS TO MUNICIPAL DISTRICTS

M.D. Number	Total	M.D. Number	Total
*General	\$ 4,149.33	M.D. 87	\$ 53,333.46
Unemployment Insurance ..	109.88	89	53,014.46
M.D. 6	74,545.89	90	89,441.00
9	48,759.00	92	73,828.93
14	68,794.28	93	67,548.13
25	101,108.96	103	69,671.29
26	101,419.62	106	50,166.82
31	92,482.03	130	42,704.40
34	16,268.53	133	16,083.00
40	96,940.00	135	19,895.32
44	134,044.21	136	26,204.08
47	50,180.32		
48	91,777.76	County No. 1	90,306.00
49	96,825.25	2	101,818.13
52	55,989.85	3	81,306.42
53	56,068.13	4	97,197.61
55	119,256.10	5	78,088.54
61	64,874.16	6	80,345.24
62	92,007.19	7	46,897.59
63	103,387.21	8	76,288.25
64	89,073.35	9	82,954.84
71	113,395.36	10	87,219.50
72	79,430.08		
75	101,031.79	Appropriation	
81	77,349.26	2106-3	\$3,599,996.44
82	86,724.01		
83	65,291.26		
84	67,453.32		
86	66,947.30		

*Note—General is expenditure incurred by Engineering Parties.

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

EXPENDITURE ON CONSTRUCTION AND MAINTENANCE
OF DISTRICT HIGHWAYS AND LOCAL ROADS

For the Year ended March 31, 1959

SPECIAL CONTINGENCIES

I.D. or M.D.	Total	I.D. or M.D.	Total
General	\$ nil	M.D. 84	\$ 23,778.08
Unemployment Insurance ..	608.76	M.D. 86	102,884.50
M.D. 6	30,631.69	M.D. 87	43,365.59
M.D. 9	23,514.25	M.D. 89	25,233.80
I.D. 11	22,465.35	M.D. 90	14,999.97
M.D. 14	26,734.41	M.D. 92	19,314.66
M.D. 26	9,810.79	M.D. 93	37,043.72
I.D. 27	20,174.97	I.D. 102	29,976.60
M.D. 31	19,835.17	M.D. 103	102,217.16
M.D. 34	9,993.48	M.D. 106	80,030.41
M.D. 40	33,493.95	M.D. 130	21,000.00
M.D. 44	20,673.77	M.D. 133	4,889.24
M.D. 47	26,325.91	M.D. 135	29,745.57
M.D. 48	22,165.95	M.D. 136	52,833.98
M.D. 49	20,025.84		
M.D. 52	20,230.66		
M.D. 53	20,972.82	County No. 1	59,768.93
M.D. 55	33,988.62	2	23,180.77
M.D. 61	24,372.17	3	35,052.02
M.D. 62	25,987.33	4	29,882.67
M.D. 63	19,863.17	5	29,422.25
M.D. 64	25,229.13	6	48,423.68
M.D. 71	19,946.68	7	25,010.82
M.D. 72	37,759.43	8	34,946.00
M.D. 75	68,149.41	9	20,619.39
M.D. 81	16,045.26	10	28,845.33
M.D. 82	19,653.52	Special Areas No. 2	9,705.57
M.D. 83	10,000.00		
		Appropriation 2106-4	\$1,560,823.20

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

EXPENDITURE ON CONSTRUCTION AND MAINTENANCE
OF DISTRICT HIGHWAYS AND LOCAL ROADS

For the Year ended March 31, 1959

GRANTS FOR NATURAL RESOURCES ROADS

I.D. or M.D.	Total	I.D. or M.D.	Total
General	\$ 614.30	M.D. 75	\$ 48,594.03
Unemployment Insurance ..	59.01	I.D. 77	3,579.35
M.D. 6	266.28	I.D. 78	12,516.41
M.D. 9	24,337.04	M.D. 84	38,243.49
I.D. 11	13,999.68	M.D. 90	35,000.00
M.D. 14	34.63	M.D. 92	42.00
M.D. 25	261.48	I.D. 96	8,927.76
M.D. 26	24,020.02	M.D. 103	30,808.41
M.D. 47	24,010.00		
M.D. 48	24,359.77	County No. 1	10,000.00
M.D. 49	10,034.22	3	20,010.00
M.D. 53	6,010.00	5	132.67
M.D. 55	15,086.72	6	176.00
M.D. 62	25,062.93	7	20,000.00
M.D. 64	34.30	9	20,000.12
M.D. 71	30,004.35	10	30,010.16
		12	608.01
		Special Areas, Dist. 1	20,000.00
		Appropriation 2106-6	\$ 496,843.14

SUMMARY

Income Account			
Appropriation	2106-1	Grants to Improvement Districts	\$3,404,228.50
	2106-2	Grants to Special Areas	125,000.00
	2106-3	Grants to Municipal Districts	3,599.996.44
	2106-4	Special Contingencies	1,560,823.20
	2106-6	Grants for Natural Resources Roads	496,843.14
			<u>\$9,186,891.28</u>

Salaries are included in Appropriation 2109A

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

APPROPRIATION 2114B

Expenditure from April 1, 1958, to March 31, 1959

WAYSIDE CAMP SITES

File	Location	Total
3198- 2	Obed Lake—Hwy. #16	\$ 120.69
- 3	On Blindman River—Hwy. #2	10.00
- 4	Oldman River S½ 10-9-26-4—Hwy. #2	129.45
- 5	Lundbreck Falls between 27/28-7-2-5—Hwy. #3	93.74
- 6	Westward Ho—N.E. 33-32-4-5—Hwy. #27	777.68
- 7	East of Medicine Hat—Hwy. #1	105.92
- 8	Near Brooks—Hwy. #1	374.63
- 9	Island Lake—1 mile East B.C. Bdry.	907.02
- 10	At Waterton River—Hwy. #2	1,951.02
- 11	On Castle River—Hwy. #3	581.88
- 13	Deadman's Flat—Trans-Canada Hwy.	380.56
- 14	Lac Des Arcs—Trans-Canada Hwy.	379.12
- 15	S.W. 22-16-28-4 Nanton—Hwy. #2	7,412.23
- 16	Near Fabyan—Hwy. #14	1,095.19
- 17	Medicine River—Near Gilby	224.40
- 18	On Tail Creek—Hwy. #12	155.18
- 19	At Pine Lake on Hwy. #42	1,197.86
- 20	On Red Deer River—Hwy. #2	39.68
- 21	On Long Lake—Hwy. #28	999.08
- 22	At Floating Stone Lake—North of Hwy. #28	26.50
- 23	On Hornbeck Creek—Hwy. #16	61.57
- 24	On Huskuta Creek—Hwy. #16	61.59
- 25	On Sturgeon River—Hwy. #28	710.30
- 26	At Lawrence Lake—Hwy. #2	252.37
- 27	At Whitney Lake—North of Heinsburg	813.61
- 28	At Vincent Lake—North of Hwy. #28	1,207.78
- 29	At Fork Lake—North of Hwy. #28	52.06
- 30	Near Bittern Lake—Hwy. #13	22.18
- 31	West of Kitscoty—Hwy. #16	137.00
- 32	Near Shonts—Hwy. #14	132.69
- 34	Near Munson Ferry—Hwy. #9	234.60
- 35	North of Drumheller—Hwy. #9	163.10
- 36	Site of Hoodoos—Hwy. #10	2.81
- 37	On Milk River—Hwy. #4	1,723.32
- 38	West of Oldman River—Hwy. #3	1,688.60
- 39	Near Winfield on Hwy. #12	5.00
- 40	Near Geoford on Hwy. #19	5.00
- 41	On Smoky River—Hwy. #34	6.50
- 42	On Dog Pound Creek N.E. 3-29-4-5	200.86
- 43	1½ miles N.E. of Hwy. #28—Bonnie Lake	37.03
- 44	Town of Cardston	4,671.84
- 55	W½ 23-2-29-4 Hwy. #5 Crooked Creek	706.40
- 69	Sheep Creek N.W. 19-20-23-28-W-4—Hwy. #2	525.00
- 71	S.W. 10-61-6-4—Vezeau Beach—Moose Lake	100.00
- 76	S.W. 5-55-12-4 North of Two Hills	400.00
- 77	S.E. 11-42-26-4 Morningside—Hwy. #2	103.50
- 82	N.E. 2-55-3-5—at Gunn—Hwy. #43	72.30
- 87	N.W. 11-51-12-4—Hwy. #16 near Ranfurly	100.00
- 95	N.E. 25-42-10-4—Hwy. #13 near Hardisty	500.00
- 96	N.W. 33-40-6-4—Hwy. #13 near Czar	550.00
-103	S.E. 31-47-1-5—1 mile N. of Pigeon Lake	550.00
-114	S.E. 10-46-21-4—Hwy. #21—Battle River	360.00
	Unemployment Insurance	71.01
Appropriation 2114		\$33,189.85

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

APPROPRIATION S.W. 4 & S.W. 48

Expenditure from April 1, 1958, to March 31, 1959

WAYSIDE CAMP KITCHENS

File	Location	Total
3198- 1	House River—S.E. 35-66-22-5 Hwy. #43	\$ 3,911.57
- 2	Obed Lake—Hwy. #16	2,381.06
- 3	On Blindman River—Hwy. #2	863.41
- 4	Oldman River—S½ 10-9-26-4—Hwy. #2	4,873.10
- 5	Lundbreck Falls between 27/28—7-2-5—Hwy. #3	8,370.94
- 7	East of Medicine Hat—Hwy. #1	1,252.03
- 8	Near Brooks—Hwy. #1	1,356.21
- 9	Island Lake—1 Mile East B.C. Bdry.	7,240.55
- 10	At Waterton River—Hwy. #2	2,833.96
- 11	On Castle River—Hwy. #3	3,997.55
- 13	Deadman Flat—Trans-Canada Hwy.	3,580.39
- 14	Lac Des Arcs—Trans-Canada Hwy.	3,546.06
- 15	S.W. 22-16-28-4 Nanton—Hwy. #2	278.96
- 16	Near Fabyan—Hwy. #14	3,764.24
- 17	Medicine River—Near Gilby	248.50
- 18	On Tail Creek—Hwy. #12	1,987.16
- 19	At Pine Lake—Hwy. #42	465.96
- 20	On Red Deer River—Hwy. #2	1,721.38
- 21	On Long Lake—Hwy. #28	1,370.34
- 22	At Floating Stone Lake—N. of Hwy. #28	4,901.32
- 23	On Hornbeck Creek—Hwy. #16	2,578.81
- 24	On Huskuta Creek—Hwy. #16	3,734.83
- 25	On Sturgeon River—Hwy. #28	6,743.74
- 26	At Lawrence Lake—Hwy. #2	5,860.67
- 27	At Whitney Lake—N. of Heinsburg	489.76
- 28	At Vincent Lake—N. of Hwy. #28	2,380.85
- 29	At Fork Lake—N. of Hwy. #28	3,155.02
- 30	Near Bittern Lake—Hwy. #13	3,525.06
- 31	West of Kitscoty—Hwy. #16	3,741.94
- 32	Near Shonts—Hwy. #14	2,574.43
- 33	Ma-Me-O Beach	2,580.78
- 34	Near Munson Ferry—Hwy. #9	3,569.38
- 35	North of Drumheller—Hwy. #9	2,785.09
- 36	Site of Hoodoos—Hwy. #10	2,867.44
- 37	On Milk River—Hwy. #4	4,248.73
- 38	West of Oldman River—Hwy. #3	3,823.96
- 39	Near Winfield—Hwy. #12	881.35
- 40	Near Yeoford on Hwy. #19	759.31
- 41	On Smoky River—Hwy. #34	2,935.80
- 42	On Dog Pound Creek—N.E. 3-29-4-5	3,411.65
- 43	1½ miles N.E. Hwy. #28—Bonnie Lake	2,300.96
- 44	Town of Cardston	266.64
- 45	On Vermilion River—Hwy. #45	2,001.19
- 46	Town of Three Hills	2,514.94
- 47	S.E. 2-65-20-4	276.10
- 48	On Lesser Slave River—Hwy. #2	3,615.90
- 49	Near Athabasca River—Hwy. #18	1,479.54
- 50	Town of Magrath	3,430.61
- 51	Near Village of Carmangay—Hwy. #23	1,293.03
- 52	Town of Castor	2,281.38
- 53	S.E. 26-9-19-4 on Hwy. #3	3,310.69
- 54	S.E. 8-4-29-4 Hwy. #6 Yarrow Creek	1,207.07
- 55	W½ 23-2-29-4 Hwy. #5 Crooked Creek	2,525.17
- 56	N.W. 22-24-10-5 on Trans-Canada Hwy. #1	2,140.17
- 57	S.E. 33-24-8-5 on Trans-Canada Hwy. #1	2,040.03
- 58	At Sandy Lake West of Morinville	263.54
- 60	On Little Smoky River—Hwy. #2	1,022.01
- 61	S.W. 36-77-24-5 Hwy. #49	1,022.01

File	Location	Total
3198- 62	N½ Sec. 30-53-11-5 Hwy. #16	\$ 3,460.52
- 63	At English Bay and Cold Lake S.E. 34-64-2-4	1,491.20
- 64	On Chambers Creek—Hwy. #11	1,846.47
- 65	N.E. 14-33-22-4 Tolman Ferry Site	2,408.65
- 69	Sheep Creek—N.W. 19-20-23-28-W-4 Hwy. #2	1,741.73
- 70	On Owl River North of Lac La Biche N.W. 29-68-13-4	1,752.47
- 71	S.W. 10-61-6-4 Vezeau Beach—Moose Lake	1,176.64
- 72	S.E. 5-64-4-4 at Moose Lake	1,126.51
- 73	N.E. 33-66-13-4 at Beaver Lake	1,599.18
- 74	N.E. 25-68-16-4 at Plamondon Beach, Lac La Biche	881.16
- 75	N.E. 14-64-3-4 at Ethel Lake	1,206.24
- 76	S.W. 5-55-12-4 North of Two Hills	1,402.84
- 77	S.E. 11-42-26-4 Morningside—Hwy. #2	2,328.99
- 78	S.W. 32-60-6-4 Bonnyville Beach on Moose Lake	996.61
- 79	S.E. 8-61-7-4 Franchere Bay on Moose Lake	1,221.17
- 81	N.W. 4-75-13-6—Hwy. #2	1,092.31
- 82	N.E. 2-55-3-5 at Gunn—Hwy. #43	1,212.78
- 83	S.E. 23-53-6-5 at Gainford—Hwy. #16	758.80
- 85	S.W. 21-52-23-5—Hwy. #16	1,393.82
- 86	Town of Beaverlodge	917.61
- 87	N.W. 11-51-12-4—Hwy. #16 near Ranfurly	1,461.94
- 88	S.E. 2-39-5-5 Hwy. #11	930.11
- 89	S.W. 15-31-21-4 at Morrin Bridge	2,364.03
- 90	N.W. 34-42-24-4 on Nelson Lake	1,810.16
- 91	S.E. 4-77-5-6 on Hwy. #2	311.91
- 92	S.W. 10-78-4-6 on Hwy. #49	903.64
- 93	N.W. 13-49-13-4 on Hwy. #36	3,470.08
- 95	N.E. 25-42-10-4—Hwy. #13 near Hardisty	1,809.92
- 96	N.W. 33-40-6-4—Hwy. #13 near Czar	1,546.25
- 98	N.W. 33-54-14-5 on Hwy. #32	5,276.22
- 99	S.E. 34-14-9-4 on Hwy. #1	1,115.71
-100	N.E. 10-21-18-4 on Hwy. #1	1,125.07
-102	S.W. 35-10-11-4 on Hwy. #3	1,114.74
-103	S.E. 31-47-1-5 1 mile N. Pigeon Lake	174.72
-104	N.W. 30-35-19-4—Hwy. #56	856.97
-105	S.E. 18-79-9-6—Hwy. #49	255.83
-106	Town of Stettler	1,904.62
-108	N.W. 14-70-6-6 O'Brien Provincial Park	715.06
-109	S.W. 32-79-8-6 Mirage Lake	202.30
-110	S.E. 28-61-16-5—Hwy. #43	1,815.46
-111	N.W. 19-59-11-5—Hwy. #43	48.57
-114	S.E. 10-46-21-4—Hwy. #21—Battle River	1,476.26
-115	S.E. 6-56-9-4 Lac Bellevue	1,339.30
-116	Town of Okotoks	1,400.53
-120	S.W. 11-46-6-5 on Buck Lake	411.81
-123	S½ Sec. 23-46-1-5 Crystal Springs—Pigeon Lake	647.61
	Unemployment Insurance	541.52
Appropriation S.W. 4 & S.W. 48		<u>\$219,630.31</u>

S U M M A R Y

Appropriation 2114	\$ 33,189.85
Appropriation S.W. 4 & S.W. 48	219,630.31
	<u>\$252,820.16</u>

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

EXPENDITURE ON OPERATION, MAINTENANCE,
REPLACEMENT AND CONSTRUCTION OF FERRIES

For the Year ended March 31, 1959

Location	River	Operation and Maintenance	Replacement and Installation	Construction	Total
Desjarlais	North Saskatchewan	\$ 10,730.87	\$	\$	\$ 10,730.87
Dorothy	Red Deer	3,592.94			3,592.94
Pakan	North Saskatchewan	10,746.37			10,746.37
Garrington	Red Deer	5,029.27			5,029.27
*North of Lloydminster	North Saskatchewan	3,348.23			3,348.23
Tolman Ferry	Red Deer	6,108.10			6,108.10
Letts Crossing	Pembina	2,776.74			2,776.74
Shandro	North Saskatchewan	12,283.10			12,283.10
Hopkins	North Saskatchewan	5,088.81	395.83		5,484.64
Hutton	Red Deer	8,009.30	2,876.76		10,886.06
Lac Ste. Anne	Narrows-Lac Ste. Anne	6,603.71			6,603.71
Eldorena	North Saskatchewan	8,155.88			8,155.88
South of Holborn	North Saskatchewan	3,801.96			3,801.96
Dunvegan	Peace	20,831.46	770.67		21,602.13
Bow Island	South Saskatchewan	6,208.45			6,208.45
North of Myrnam	North Saskatchewan	6,668.19	416.62		7,084.81
Genesee	North Saskatchewan	11,545.04	139.70		11,684.74
Steveville	Red Deer	7,642.45			7,642.45
West of Munson	Red Deer	3,288.50	1,474.77		4,763.27
Berrymoor	North Saskatchewan	20,440.76			20,440.76
Finnegan	Red Deer	3,910.78			3,910.78
Lindbergh	North Saskatchewan	4,848.29	4,650.72		9,499.01
Vinca Crossing	North Saskatchewan	8,890.37			8,890.37
North of Jenner	Red Deer	4,443.06			4,443.06
Gregory Crossing	Red Deer	7,510.03			7,510.03
West of Morrin	Red Deer	5,517.71			5,517.71
South of Falher	Little Smoky	12,766.09			12,766.09
Grovedale	Wapiti	7,567.54			7,567.54
Klondyke Crossing	Athabasca	5,307.19			5,307.19
South of Wembley	Wapiti	9,282.32	103.65		9,385.97
South of Crowfoot	Bow	5,414.97			5,414.97
South of Rolling Hills	Bow	10,316.73			10,316.73
Waskatenau	North Saskatchewan	9,518.17	64.01		9,582.18
North of Blairidge	Athabasca	9,129.16	23.94		9,153.10
South of Bindloss	South Saskatchewan	13,597.64			13,597.64
North of Atlee	Red Deer	3,144.20			3,144.20
Forbesville	North Saskatchewan	4,877.85			4,877.85
South of Empress	South Saskatchewan	6,354.17			6,354.17
Rosevear	McLeod	5,717.77			5,717.77
Warspite	North Saskatchewan	7,565.02	479.88		8,044.90
Fort Vermilion	Peace	18,575.28			18,575.28
Heinsburg	North Saskatchewan	10,050.40	575.07		10,625.47
Beauvallon	North Saskatchewan	2,141.06			2,141.06
Bowslope	Bow	5,787.29			5,787.29
General — Head Office Supervision		7,165.37			7,165.37
Unemployment Insurance		1,496.45	1.44		1,497.89
		\$353,795.04	\$11,973.06	Nil	\$365,768.10

SUMMARY

Income Account — Appropriation 2103	\$365,768.10
Capital Account — Appropriation 2152	Nil
	<u>\$365,768.10</u>

*This Ferry on the 4th Meridian and operated by the Province of Saskatchewan, the Province of Alberta paying 50% of the operating costs.

DEPARTMENT OF HIGHWAYS

MAIN HIGHWAYS CONSTRUCTION BRANCH

(A. M. PAULL, Chief Construction Engineer)

During the 1958-59 construction season, 225.25 miles of subgrade and 23.23 miles of grade construction were completed. 3.08 miles of subgrade were widened and 281.83 miles of highways were gravel surfaced.

In addition, 268.87 miles of stabilized base course, with the top lift asphalt bound, were placed. 285.86 miles of asphaltic plant mix surface course and 3.28 miles of Portland cement concrete pavement were completed, and 121.80 miles of asphaltic seal coat were placed. 635.0 miles of centre line striping were painted, as well as one railway crossing marking and 10 pavement messages.

On the Trans-Canada Highway, between Calgary and Banff, the subgrade construction contract from West of Calgary to Bowness and two stabilized base course contracts, Bowness to South of Cochrane and South of Cochrane to South of Radnor, which commenced in the 1957 season, were completed. In addition, a Portland cement concrete pavement contract from West of Calgary to Bowness was awarded, as well as three asphaltic plant mix surface course contracts from Bowness to Banff Park. The work completed during the season, covered 1.40 miles of subgrade construction, 6.65 miles of stabilized base course construction, 57.38 miles of asphaltic plant mix surface course construction and 3.28 miles of Portland cement concrete pavement construction. These mileages are included in the totals quoted above. During the winter, $\frac{1}{2}$ " chips were crushed to stockpiles for asphaltic seal coat surfacing from Calgary to Banff Park.

Subgrade construction on the four-lane divided highway from South of Bowden to South of Red Deer, which commenced in 1957, was completed. Two stabilized base course contracts were awarded on this portion of highway and were completed within the construction season. In addition to this, stabilized gravel base course construction was done from Crossfield to North of Crossfield and 8.30 miles of asphaltic plant mix surface were laid, completing the section of highway from North of Crossfield to South of Bowden. A contract for asphaltic plant mix surface course from Airdrie to North of Crossfield was awarded and completed during the season. Asphaltic seal coat surfacing was placed from North of Crossfield to South of Bowden by Departmental forces.

The widening of highway 16, West of Edmonton, to four lanes was commenced. Grade widening operations were carried out by Department forces from Jasper Place to Winterburn, a distance of 3.08 miles. Stabilized gravel base course and asphaltic plant mix surface course work on this section was done by contract. In addition, contracts were awarded late in the fall for subgrade construction from North of Duffield to Langford Park and from Langford Park to Seba Corner, a total distance of 16.75 miles, with completion dates set for the following year. 2.00 miles were completed before freeze-up. This new section of highway 16 will become part of a four-lane divided highway, with the future reconstruction of the existing two-lane highway.

Under the new Federal-Provincial Roads to Resources Agreement the reconstruction of the Mackenzie highway was commenced. Two subgrade construction contracts were entered into, covering 41.69 miles from Kemp Creek to North of Metis Settlement and 29.58 miles from North of Metis Settlement to High Level. These contracts were not awarded until late in

the season and completion dates were set for the following year. During the winter four contracts were awarded for the clearing of the right-of-way from North of Hotchkiss to Kemp Creek and from High Level to the North Provincial Boundary. The total clearing done covered 234.06 miles. In addition, three contracts were awarded for the crushing and stockpiling of gravel on first course gravel surfacing from Kemp Creek to High Level. One clearing contract was also awarded from High Level to North of Fort Vermilion covering 34.33 miles.

Under the programme of constructing access roads to towns adjacent to main and secondary highways, eight projects of grade construction, covering 11.65 miles, and eleven projects of subgrade construction, covering 6.50 miles, were completed. In addition to this, three projects of stabilized base course construction, covering 7.38 miles, and three projects of asphaltic plant mix surface course construction, covering 7.79 miles, were completed. These mileages are included in the totals quoted above.

Thirty-five applications to the Board of Transport Commissioners were made for the installation of protection at Highway-Railway grade crossings, of which nine were approved and twenty-six are pending. Seven installations of protection were made by the Railway Companies, including two approved and five remaining were under approval which was previously received.

During the winter, twenty-five gravel stockpiling and thirteen clearing projects were carried out. In addition to the clearing already mentioned on the Mackenzie Highway and Fort Vermilion road, clearing was done on an additional 137.33 miles which covered the following projects; Highway 2, West of Triangle to Little Smoky River; Highway 2, North of Sexsmith to Burnt River; Highway 11, Nordegg to Tepee Creek; Highway 21, Hay Lakes to Junction Highway 14; Project 43:35, Ashmont to East of Rife and Project 50:01, Fort Assinboine to Swan Hills. The last mentioned project was done under the Federal Government's 'Winter Works Incentive Programme'. The total of all clearing done during the winter amounted to 405.72 miles.

To ensure a fair distribution of work on the winter stockpiling projects a system of truck registration and rotation was used. This worked very satisfactorily, over 2,000 trucks being registered and each earning at least \$1,500.00 before being replaced.

On one hundred and seventy-eight projects under construction, 1,347 shifts totalling 13,470 hours were lost due to wet weather. This represented a decrease in time lost over the previous year when 2,607 shifts or 26,070 hours were lost. At the end of the 1958 season, approximately three percent of the subgrade construction and four percent of the stabilized base course construction remained uncompleted.

Five crews were engaged on gravel research and deposit tests, six crews on field C.B.R. testings, making 3,500 tests preparatory to base course construction, and one crew on Benkelman Beam tests for the evaluation of the strength of existing pavements, making 500 tests.

Sixty-four field laboratories were operated during the season, approximately 50,000 field tests being run, with approximately 31,000 tests being performed at the main laboratory in Edmonton.

One Engineer from India was attached to the Branch for three months under the Colombo Plan, for training and instruction.

The following is a statement of the work performed during the year ending March 31, 1959:

DEPARTMENT OF HIGHWAYS
MAIN HIGHWAYS BRANCH

HIGHWAY CONSTRUCTION 1958-59

GRADING — MAIN HIGHWAYS

Highway	Location	Miles	Type	Width in Feet	Work Done By
1-C-1/1	West of Calgary—Bowness	0.57	Subgrade	50	Contract
1-C-1/1	Bowness Underpass	0.43	Subgrade	54	Contract
1-C-2/3	Connection Highways 1 & 1A (Near Canmore)	0.40	Subgrade	42	D.O.H.
1A-B-3	Canal Bridge—17th Avenue (Forest Lawn)	0.35	Subgrade	52	D.O.H.
2-C-3	South of Bowden—Innisfail	2.56	Subgrade	108	Contract
2-C-3	Innisfail—East of Penhold	7.28	Subgrade	108	Contract
2-C-3	East of Penhold—South Red Deer	6.44	Subgrade	108	Contract
2-F-3	Slave Lake Revision	1.66	Subgrade	42	D.O.H.
2-J-1	South of Dunvegan—Dunvegan Bridge	2.26	Subgrade	50	Contract
2-J-1	Rycroft—South of Dunvegan	9.43	Subgrade	50	Contract
2-J-2	North of Sexsmith—Junction Highway No. 34	5.86	Subgrade	50	Contract
2-K-2	North of Brainard—British Columbia Boundary	9.16	Subgrade	50	Contract
9-C-2	West of Sibbald—Saskatchewan Boundary	9.22	Subgrade	42	Contract
12-B-1	Castor—Coronation	9.21	Subgrade	50	Contract
13-A	Provost—Saskatchewan Boundary	9.97	Subgrade	42	Contract
16-C-1	Jasper Place—Winterburn	3.08	Subgrade Widening	82	D.O.H.
16-C-2	North of Duffield—Langford Park	2.00	Subgrade	52	Contract
28-B-1	Smoky Lake—East of Bellis	9.50	Subgrade	50	Contract
28-B-1	East of Bellis—Vilna	2.10	Subgrade	50	D.O.H.
28-B-2	Ashmont—St. Brides	10.50	Subgrade	50	Contract
36-D-2	Vauxhall—South of Scandia	12.68	Subgrade	42	Contract
43:44 B	Little Smoky River—East of New Fish Creek	6.40	Subgrade	50	Contract
43:44 B	East of New Fish Creek—Valleyview	15.33	Subgrade	50	Contract
TOTAL		136.39 Miles			
Subgrade Construction		133.31	By Contract		128.80
Subgrade Widening		3.08	By Department of Highways		7.59
TOTAL		136.39 Miles	TOTAL		136.39 Miles

DEPARTMENT OF HIGHWAYS
MAIN HIGHWAYS BRANCH

HIGHWAY CONSTRUCTION 1958-59

GRADING — SECONDARY HIGHWAYS

Highway	Location	Miles	Type	Width in Feet	Work Done By
21-A-1	Junction Highway No. 9— Junction Highway No. 26	8.67	Subgrade Construction	42	Contract
21-B-3	Erviick—Hay Lakes	14.66	Subgrade Construction	42	Contract
22-A	Midnapore—Priddis Corner	7.80	Subgrade Construction	30	D.O.H.
25-A	Iron Springs—East of Little Bow River	8.55	Subgrade Construction	42	Contract
39-A-2	Thorsby—Sunnybrook	7.88	Subgrade Construction	42	Contract
41-B-1	Wainwright—North of Czar	15.28	Subgrade Construction	42	Contract
44-A-1	East of Dapp—Jarvie	8.81	Subgrade Construction	42	Contract
44-A-1	Jarvie—Fawcett	4.41	Subgrade Construction	42	D.O.H.
54-A	Junction Highway 2— Junction Highway 2A (Innisfail)	0.18	Subgrade Construction	38	D.O.H.
56-A-2	North of Rowley—Morrin Corner	8.32	Grade Construction	26	D.O.H.
57-B	Drayton Valley—Bucklake Creek	1.94	Subgrade Construction	42	Contract
57-B	Bucklake Creek—Alsike	6.46	Subgrade Construction	42	Contract
43:43	Marie Creek—Primrose Lake	2.97	Grade Construction	26	Contract
	TOTAL	95.93 Miles			(For Dept. Nat. Def.)
	Grade Construction	11.29	By Contract		75.22
	Subgrade Construction	84.64	By Department of Highways		20.71
	TOTAL	95.93 Miles	TOTAL		95.93 Miles
MISCELLANEOUS					
40:00 E-46	Junction Highway 15—Provincial Gaol	0.80	Subgrade Construction	42	D.O.H.
1A-C-1	Cochrane Hill Truck Turn-out	0.29	Grade Construction	24	D.O.H.
	TOTAL	1.09 Miles			
	Grade Construction	0.29	By Department of Highways		1.09 Miles
	Subgrade Construction	0.80			
	TOTAL	1.09 Miles			

DEPARTMENT OF HIGHWAYS
MAIN HIGHWAYS BRANCH
HIGHWAY CONSTRUCTION 1958-59
GRADING — ACCESS ROADS

Highway	Location	Miles	Type	Width in Feet	Work Done By
43:50	Junction Highway 11—Eckville	0.47	Grade Construction	26	D.O.H.
43:52	Junction Highway 1—Gleichen	1.28	Subgrade Construction	38	D.O.H.
43:53	Junction Highway 1—Cluny	1.52	Grade Construction	26	D.O.H.
43:54	Junction Highway 21—Three Hills	0.85	Subgrade Construction	38	D.O.H.
43:55	Junction Highway 56—Big Valley	0.96	Grade Construction	26	D.O.H.
43:56	Junction Highway 45—Dewberry	0.96	Grade Construction	26	D.O.H.
43:57	Junction Highway 45—Clandonald	1.77	Grade Construction	26	D.O.H.
43:58	Junction Highway 45—Hazelndine	1.54	Grade Construction	26	D.O.H.
43:59	Junction Highway 16—Islay	3.43	Grade Construction	26	D.O.H.
43:60	Junction Highway 13—Sedgewick	0.43	Subgrade Construction	38	D.O.H.
43:62	Junction Highway 28—Redwater	1.07	Subgrade Construction	38	D.O.H.
43:63	Junction Highway 41—Rusylvia	1.00	Grade Construction	26	D.O.H.
43:65	Junction Highway 12—Coronation	0.17	Subgrade Construction	36	D.O.H.
43:66	Junction Highway 13—Provost	0.37	Subgrade Construction	36	D.O.H.
43:68	Junction Highway 43—Rochfort Bridge	0.31	Subgrade Construction	32	D.O.H.
43:70	Junction Highway 21—Trochu	0.51	Subgrade Construction	38	D.O.H.
43:71	Junction Highway 21—Huxley	0.33	Subgrade Construction	38	D.O.H.
43:73	Junction Highway 44—Pibroch	0.88	Subgrade Construction	32	D.O.H.
43:74	Junction Highway 28—Waskatenau	0.30	Subgrade Construction	38	D.O.H.
	TOTAL	18.15 Miles			
	Grade Construction	11.65			
	Subgrade Construction	6.50			
			By Department of Highways		18.15 Miles

GRADING — SUMMARY

	Main Highways	Secondary Highways	Access Roads	Miscellaneous	Total
Grade Construction		11.29	11.65	0.29	23.23
Subgrade Construction	133.31	84.64	6.50	0.80	225.25
Subgrade Widening	3.08				3.08
TOTALS	136.39 Miles	95.93 Miles	18.15 Miles	1.09 Miles	251.56 Miles
By Contract	128.80	75.22			204.02
By Department of Highways	7.59	20.71	18.15	1.09	47.54
TOTALS	136.39 Miles	95.93 Miles	18.15 Miles	1.09 Miles	251.56 Miles

DEPARTMENT OF HIGHWAYS

MAIN HIGHWAYS BRANCH

HIGHWAY CONSTRUCTION 1958-59

FIRST COURSE GRAVEL SURFACING — MAIN HIGHWAYS

Highway	Location	Miles	Work Done By
1-C-1/1	West of Calgary—Bowness	0.57	Contract
2-F-3	Slave Lake Revision	1.66	D.O.H.
2-J-1	Rycroft—South of Dunvegan	9.43	D.O.H.
2-J-2	North of Sexsmith—Junction Highway 34	7.60	Contract
2-K-2	North of Brainard—British Columbia Boundary	9.16	D.O.H.
9-C-2	West of Sibbald—Saskatchewan Boundary	9.22	Contract
12-B-1	Castor—Coronation	9.21	Contract
13-A	Provost—Saskatchewan Boundary	9.97	Contract
28-B-1	Smoky Lake—East of Bellis	4.50	Contract
28-B-2	Ashmont—St. Brides	10.50	Contract
36-D-2	Vauxhall—South of Scandia	12.68	Contract
43:44 B	Little Smoky River—East of New Fish Creek	13.09	Contract
43:44 B	East of New Fish Creek—Valleyview	15.33	Contract
TOTAL		112.92 Miles	
By Contract		92.67	
By Department of Highways		20.25	
TOTAL		112.92 Miles	

FIRST COURSE GRAVEL SURFACING — SECONDARY HIGHWAYS

Highway	Location	Miles	Work Done By
21-A-1	Junction Highway 9— Junction Highway 26	8.67	Contract
21-B-3	Ervick—Hay Lakes	14.66	Contract
22-A	Midnapore—Priddis Corner	7.80	D.O.H.
25-A	Iron Springs—East of Little Bow River ...	8.55	Contract
39-A-2	Thorsby—Sunnybrook	7.88	Contract
41-B-1	Wainwright—North of Czar	15.28	Contract
44-A-1	East of Dapp—Jarvie	8.81	Contract
44-A-1	Jarvie—Fawcett	4.41	D.O.H.
54-A	Junction Highway 2—Junction Highway 2A (Innisfail)	0.18	D.O.H.
56-A	North of Rowley—Morrin Corner	8.32	D.O.H.
57-B	Drayton Valley—Bucklake Creek	8.64	D.O.H.
57-B	Bucklake Creek—Alsike	13.03	D.O.H.
43:43	Marie Creek—Primrose Lake	8.47	Contract (For Dept. Nat. Def.)
TOTAL		114.70 Miles	
By Contract		72.32	
By Department of Highways		42.38	
TOTAL		114.70 Miles	

MISCELLANEOUS

Highway	Location	Miles	Work Done By
1A-C-1	Cochrane Hill Truck Turn-out	0.29	D.O.H.
By Department of Highways		0.29	
TOTAL		0.29 Miles	

DEPARTMENT OF HIGHWAYS
MAIN HIGHWAYS BRANCH
HIGHWAY CONSTRUCTION 1958-59
FIRST COURSE GRAVEL SURFACING — ACCESS ROADS

Highway	Location	Miles	Work Done By
43:50	Junction Highway 11—Eckville	0.47	D.O.H.
43:52	Junction Highway 1—Gleichen	1.28	D.O.H.
43:53	Junction Highway 1—Cluny	1.52	D.O.H.
43:54	Junction Highway 21—Three Hills	0.85	D.O.H.
43:55	Junction Highway 56—Big Valley	0.96	D.O.H.
43:56	Junction Highway 45—Dewberry	0.96	D.O.H.
43:57	Junction Highway 45—Clandonald	1.77	D.O.H.
43:58	Junction Highway 45—Hazeldine	1.54	D.O.H.
43:59	Junction Highway 16—Islay	3.43	D.O.H.
43:60	Junction Highway 13—Sedgewick	0.43	D.O.H.
43:62	Junction Highway 28—Redwater	1.07	D.O.H.
43:63	Junction Highway 41—Rusylvia	1.00	D.O.H.
43:65	Junction Highway 12—Coronation	0.17	D.O.H.
43:66	Junction Highway 13—Provost	0.37	D.O.H.
43:68	Junction Highway 43—Rochfort Bridge	0.31	D.O.H.
43:70	Junction Highway 21—Trochu	0.51	D.O.H.
43:71	Junction Highway 21—Huxley	0.33	D.O.H.
43:73	Junction Highway 44—Pibroch	0.88	D.O.H.
43:74	Junction Highway 28—Waskatenau	0.30	D.O.H.
TOTAL		18.15 Miles	
By Department of Highways		18.15	
TOTAL		18.15 Miles	

REPLACEMENT GRAVEL SURFACING

MAIN HIGHWAYS			
Highway	Location	Miles	Work Done By
34-A-3	Debolt—Goodwin	7.96	D.O.H.
43:44-B	Donnelly—Little Smoky River	19.00	D.O.H.
TOTAL		26.96 Miles	

SECONDARY HIGHWAYS			
Highway	Location	Miles	Work Done By
43:43	Cold Lake—North of Marie Creek	8.81	D.O.H.
TOTAL		8.81 Miles	

GRAVELLING SUMMARY							
	MAIN HIGHWAYS	SECONDARY HIGHWAYS	ACCESS ROADS	MISCELLANEOUS	TOTAL		
First Course Graveling	112.92	114.70	18.15	0.29	246.06		
Replacement Graveling	26.96	8.81			35.77		
TOTALS	139.88 Miles	123.51 Miles	18.15 Miles	0.29 Miles	281.83 Miles		
By Contract	92.67	72.32			164.99		
By Department of Highways	47.21	51.19	18.15	0.29	116.84		
TOTALS	139.88 Miles	123.51 Miles	18.15 Miles	0.29 Miles	281.83 Miles		

DEPARTMENT OF HIGHWAYS
MAIN HIGHWAYS BRANCH
HIGHWAY CONSTRUCTION 1958-59
STABILIZED GRAVEL BASE COURSE — MAIN HIGHWAYS

HIGHWAY	LOCATION	MILES	TYPE	WORK DONE BY
1-C-1/2	Bowness - South of Cochrane	1.62	Asphalt Bound	Contract
1-C-1/3	South of Cochrane - South of Radnor	4.63	Asphalt Bound	Contract
1-C-2/3	Connection Hwys. 1 & 1A (Near Canmore)	0.40	Asphalt Bound	Contract
1A-B-3	Canal Bridge - 17th Ave. (Forest Lawn)	0.35	Asphalt Bound	D.O.H.
1A-C-1	Cochrane Revision	0.70	Asphalt Bound	D.O.H.
2-B-3	Forest Lawn Connection	0.70	Asphalt Bound	D.O.H.
2-C-3	South of Bowden - Innisfail	9.36	Asphalt Bound (4 Lane)	Contract
2-C-3	Innisfail - East of Penhold	7.58	Asphalt Bound (4 Lane)	Contract
2-C-3	East of Penhold - South of Red Deer	7.44	Asphalt Bound (4 Lane)	Contract
2-D-1	Red Deer - Lacombe	4.88	Asphalt Bound	Contract
2-G-4	Donnelly - South of Springburn	11.04	Asphalt Bound	Contract
3-B-1	Oldman River Revision	1.15	Asphalt Bound	Contract
9-C-1	Youngstown - Chinook	13.47	Asphalt Bound	Contract
40:00E-42	City of Drumheller	0.54	Asphalt Bound	Contract
9-C-1	Chinook - Cereal	5.97	Asphalt Bound	Contract
12-B-2	Gadsby - East of Halkirk	13.42	Asphalt Bound	Contract
13-B-1	Hardisty - Amisk	13.30	Asphalt Bound	Contract
14-B-1 & 2	East of Jarrow - East of Irma	13.29	Asphalt Bound	Contract
15-A-1 & 2	Ft. Saskatchewan - Junction Hwy. No. 45	17.68	Asphalt Bound	Contract
15-A2	Junction Highway No. 15 - Lamont	5.84	Asphalt Bound	Contract
16-C-1	Jasper Place - Winterburn	3.08	Asphalt Bound	Contract
16-C-3	East of Granada - Granada	0.44	Asphalt Bound	D.O.H.
28-A-2 & B-1	Radway - Warspite	13.60	Asphalt Bound	Contract
28-C-1	Grand Centre - Cold Lake	5.24	Asphalt Bound	Contract
34-A-2	Valleyview - East of Sturgeon Lake	1.45	Asphalt Bound	Contract
34-A-2	East of Sturgeon Lake - East of Crooked Crk.	13.50	Asphalt Bound	Contract
43-A-1	Gunn - Cherhill	11.26	Asphalt Bound	Contract
43-A-1	Cherhill - Sangudo	5.93	Asphalt Bound	Contract
43-B-1	Chickadee Creek - Two Creeks	12.06	Asphalt Bound	Contract
43-B-1	Two Creeks - Fox Creek	16.29	Asphalt Bound	D.O.H.
43-B-2	Fox Creek - South of Little Smoky River	20.21	Asphalt Bound	D.O.H.
43-B-2	S. of Little Smoky River - N. of House River	12.49	Asphalt Bound	Contract
TOTAL:		248.91 Miles		
By Contract		208.77		
By Department of Highways		40.14		
TOTAL:		248.91 Miles		

DEPARTMENT OF HIGHWAYS
MAIN HIGHWAYS BRANCH
HIGHWAY CONSTRUCTION 1958-59
ASPHALTIC SURFACING — MAIN HIGHWAYS

HIGHWAY	LOCATION	MILES	TYPE	WORK DONE BY
1-C-1/1	West of Calgary - West of Bowness	3.28	6-8 Inches of Reinforced Concrete	Contract
1-C-1/2 & 1/3	Bowness - South of Radnor	20.36	4'' Plant Mix Surface Course	Contract
1-C-2/1	South of Radnor - Kananaskis River	16.33	4'' Plant Mix Surface Course	Contract
1-C-2/2 & 2/3	Kananaskis River - Banff Park &	20.29	4'' Plant Mix Surface Course	Contract
	Connection Highways 1 & 1A	0.40	4'' Plant Mix Surface Course	Contract
2-A-2	Fort Macleod - Cardston	35.43	7'' Plant Mix Surface Course	Contract
2-B-3	South of Midnapore - DeWinton	5.59	Seal Coat (4 Lane)	D.O.H.
2-B-3	DeWinton - Alderside	9.21	Seal Coat (4 Lane)	D.O.H.
2-B-3	Aldersyde - High River	9.25	4'' Plant Mix Surface Course (4 Lane)	D.O.H.
2-C-1	Airdrie - North of Crossfield	13.78	4'' Plant Mix Surface Course (4 Lane)	Contract
2-C-1 & 2	North of Crossfield - South of Bowden	29.26	Seal Coat (4 Lane)	D.O.H.
2-C-1 & 2	North of Crossfield - East of Didsbury	8.30	2 1/2'' Plant Mix Surface Course (4 Lane)	(2nd Lift) D.O.H.
2-C-3 & D-1	South of Red Deer - Lacombe	5.29	4'' Plant Mix Surface Course (4 Lane)	
	„ „ „	11.44	4'' Plant Mix Surface Course (2 Lane)	Contract
2-D-1	Lacombe - Ponoka	17.17	Seal Coat	D.O.H.
2-D-2 & 3	Ponoka - Edmonton	19.58	Seal Coat	Contract
2-D-3	Ponoka Bypass	0.80	4'' Plant Mix Surface Course	D.O.H.
2-K-1 & 2	Junction Highway 34 - Hythe	39.69	Seal Coat	D.O.H.
3-B-1	Oldman River Revision	1.15	4'' Plant Mix Surface Course	D.O.H.
5-A-2	Mountain View - Waterton Park	9.92	4'' Plant Mix Surface Course	Contract
40:00-E-42	City of Drumheller	0.54	4'' Plant Mix Surface Course	Contract
10-A	Cambria Bridge - East Coulee	6.86	4'' Plant Mix Surface Course	Contract
12-B-2	Stettler - Gadsby	2.48	4'' Plant Mix Surface Course (2nd Lift)	Contract
13-B-1	Lougheed - Hardisty	10.56	4'' Plant Mix Surface Course	Contract
14-B-2	East of Viking - East of Jarrow	18.48	4'' Plant Mix Surface Course	Contract
16-B-2	Beverley - Clover Bar	1.30	Seal Coat	D.O.H.
16-C-1	Jasper Place - Winterburn	3.08	4 1/2'' Plant Mix Surface Course	Contract
16-C-3	E. of Granada - Granada	0.44	4'' Plant Mix Surface Course	D.O.H.
28-A-2	North of Redwater - Radway	11.68	4'' Plant Mix Surface Course	Contract
28-B-2	St. Brides - St. Paul	10.15	4'' Plant Mix Surface Course	Contract
34-A-2	Valleyview - East of Sturgeon Lake	6.55	4'' Plant Mix Surface Course	D.O.H.
43-A-1	Gunn - Sangudo	25.40	4'' Plant Mix Surface Course	D.O.H.
43-B-2	North of House River - Valleyview	8.67	2'' Plant Mix Surface Course (2nd Lift)	D.O.H.
		TOTAL	382.71 Miles	
By Contract			219.93	
By Department of Highways			162.78	
		TOTAL	382.71 Miles	

HIGHWAY CONSTRUCTION 1958-59
STABILIZED GRAVEL BASE COURSE — SECONDARY HIGHWAYS

Highway	Location	Miles	Type	Work Done By
23-A-2	Vulcan—Junction Highway 24	11.78	Asphalt Bound	Contract
	By Contract	11.78		
		TOTAL	11.78 Miles	
MISCELLANEOUS				
40:00 E 46	Junction Highway 15—			
	Provincial Gaol	0.80	Asphalt Bound	Contract
	By Contract	0.80		
		TOTAL	0.80 Miles	
ACCESS ROADS				
43:46	Junction Highway 2—Didsbury ..	4.24	Asphalt Bound	Contract
43:47	Junction Highway 2—Carstairs ..	3.03	Asphalt Bound	Contract
43:64	Junction Highway 23—Vulcan	0.11	Asphalt Bound	Contract
		TOTAL	7.38 Miles	
By Contract			7.38	
		TOTAL	7.38 Miles	

DEPARTMENT OF HIGHWAYS
MAIN HIGHWAYS BRANCH

HIGHWAY CONSTRUCTION 1958-59

ASPHALTIC SURFACING — SECONDARY HIGHWAYS

HIGHWAY	LOCATION	MILES	TYPE	WORK DONE BY
23-A-1	Champion - Vulcan	13.46	4'' Plant Mix Surface Course	Contract
23-A-2	High River Connection	1.16	4'' Plant Mix Surface Course	D.O.H.
49-B-1	Rycroft - Spirit River	5.82	4'' Plant Mix Surface Course (2nd Lift)	D.O.H.
TOTAL		20.44 Miles		
By Contract		13.46		
By Department of Highways		6.98		
TOTAL		20.44 Miles		

ACCESS ROADS

43:46	Junction Highway 2 - Didsbury	4.24	4'' Plant Mix Surface Course	Contract
43:47	Junction Highway 2 - Carstairs	3.03	4'' Plant Mix Surface Course	Contract
43:51	Junction Highway 13 - Hardisty	0.52	4'' Plant Mix Surface Course	Contract
TOTAL		7.79 Miles		
By Contract		7.79		
TOTAL		7.79 Miles		

STABILIZED BASE COURSE AND ASPHALTIC SURFACING SUMMARY

By Department of Highways (Stabilized Base Course)	40.14 Miles
By Contract (Stabilized Base Course)	228.73 Miles
By Department of Highways (Asphaltic Plant Mix Surface Course)	67.54 Miles
By Contract (Asphaltic Plant Mix Surface Course)	218.32 Miles
By Department of Highways (Seal Coat)	102.22 Miles
By Contract (Seal Coat)	19.58 Miles
By Contract (Concrete Pavement)	3.28 Miles
Stabilized Base Course	268.87 Miles
Asphaltic Plant Mix Surface Course	285.86 Miles
Asphaltic Seal Coat	121.80 Miles
Concrete Pavement	3.28 Miles

DEPARTMENT OF HIGHWAYS
MAIN HIGHWAYS BRANCH

HIGHWAY CONSTRUCTION 1958-59

SUMMARY OF MATERIALS

First Course Gravel Surfacing	289,363 Cu. Yds.
Replacement Gravel Surfacing	21,347 Cu. Yds.
Subgrade Backfill Material	99,951 Cu. Yds.
Stabilized Base Course Gravel	4,887,220 Tons
Asphaltic Surfacing Aggregate	1,005,560 Tons
Shouldering Aggregate	312,477 Tons
Seal Coat ½" Chips	21,422 Cu. Yds.
Granular Supply for Culverts	11,978 Cu. Yds.
Total Asphalt Used	24,024,936 Gallons

TOTAL GRAVEL TAKEN OUT UNDER ALL PROJECTS

	Dept. of Highways	Contract	Total Cu. Yds.
Pit Run to Trucks		68,112	68,112
Pit Run to Stockpile	1,611,217	70,322	1,681,539
Pit Run from Stockpile	35,453	8,365	43,818
Crush to Trucks	30,847	2,440,690	2,471,537
Crushed to Stockpile	149,032	379,784	528,816
Crushed from Stockpile to Trucks	2,010	1,269,723	1,271,733
Crushed Stockpile to Trucks	873,950	227,826	1,101,776
Pit Run Stockpile to Crushed Stockpile	226,258	226,258
TOTALS	2,928,767	4,464,822	7,393,589

PROTECTION AT RAILWAY CROSSINGS AT GRADE

Highway	Location	Railway	Type of Protection
2	2½ Miles South of Blackfalds	C.N.R.	Flashing Light Signals and Bell
10	At Rosedale	C.N.R.	Flashing Light Signals and Bell
12	At Lacombe	C.P.R.	Flashing Light Signals and Bell
30	At Kapasiwin	C.N.R.	Flashing Light Signals and Bell
36	East of Lavoy	C.N.R.	Flashing Light Signals and Bell
36	At Taber	C.P.R.	Flashing Light Signals and Bell
54	At Innisfail	C.P.R.	Flashing Light Signals and Bell

APPROPRIATION 2154

PROJECT NUMBER	DESCRIPTION	TOTAL EXPENDITURE	ENGINEERING	GRADING	CULVERTS	GUIDE POSTS	FENCING	COMPENSATION	MOVING POWER & TELEPHONE LINES	GRAVEL SURFACING	STABILIZED GRAVEL BASE COURSE	ASPHALTIC SURFACE COURSE	SHOULDERING	SEAL COAT	CENTRE LINE PAINTING	RAILWAY CROSSING PROTECTION
1-B-2	Bassano to Gleichen Corner	436.00										436.00				
1A-B-3	Gleichen Corner to Strathmore	26,092.40	3,332.22	2,055.27	10.74						20,694.17					
1-B-3/2	Chestermere Lake to Calgary	2,399.47	22.00					250.00								
1-A-C1	Calgary to Radnor	5,774.75	1,293.15	3,170.33	18.44		13.60	1,040.00		175.50						2,127.47
1-A-C/2	Radnor to Banff Park Gates	14,017.25	669.31	5,451.67	643.11						4,262.09	2,978.97			63.73	
2-A-2	Cardston to Fort Macleod	743,205.79	37,889.72		6,115.18			30.00			51,965.13	633,803.53	12,009.60		12.10	
2-B-2	Stavelly to High River	26,825.87	26,825.87												1,392.63	
2-B-3	High River to Calgary	512,768.95	27,748.37	550.74	34.44	3,680.55	77.61	497.00		223.85	31,788.33	315,152.22	62,067.56	68,075.45	2,872.83	
2-C-1	Calgary to S.E. of Didsbury	900,586.79	33,986.78	67,234.63	2,426.56	11,472.05	6.48	8,104.15	224.88		53,515.79	472,101.55	168,937.80	78,151.66	4,424.46	
2-C-2	S.E. of Didsbury to Bowden	216,234.53	7,208.19	22,868.71	1,200.00	463.75		11,642.50			5,125.76	81,156.09	23,772.88	59,858.03	2,938.62	
2-C-3	Bowden to Red Deer	2,738,506.78	104,186.10	760,767.66	33,713.64		15,572.94	84,311.83	6,417.98	10,707.11						
											1639,367.59	62,308.65	14,725.56	3,439.09	2,988.63	
2-D-1	Red Deer to Ponoka	549,173.25	16,934.59	5,879.08	1,971.13	14,684.73		20.00	584.65		155,924.02	254,925.78	54,440.43	43,105.07	703.77	
2-D-2	Ponoka to Millet	70,705.29	8,120.65	6,549.26		858.06				17.80					669.84	
2-D-3	Millet to Edmonton	321,366.02	15,522.08		4,829.07			62,886.00			197,592.92	23,863.37	13,982.63	2,689.95		
2-E-1	Edmonton to Legal	5,964.77	5,964.77													
2-F-3	Smith to Slave Lake	75,785.77	6,319.26	51,511.93	4,973.65		418.56	9,993.00	185.77	2,383.60						
2-G-2	Arcadia to Triangle	1,909.70			1,468.70			441.00								
2-G-3	Triangle to Donnelly	33,114.15	9,627.07	14,752.35	6,036.40			2,646.00		52.33						
2-G-4	Donnelly to Peace River	424,470.69	12,214.67	385.60	2,503.94			514.00			308,046.14	66,176.20	34,048.17		581.97	
2-G-4X	Peace River Hill Slide	57,153.12	55,551.07	1,602.05												
2-H-2	6th Meridian to Dunvegan	480.00	470.00					10.00								
2-J-1	Dunvegan to Woking	693,187.07	58,066.83	453,590.97	99,681.96		1,396.61	41,258.50	3,015.13	36,177.07						
2-J-2	Woking to Jct. of #34 Hwy.	632,024.08	28,935.18	155,529.89	7,130.30		236.51	13,014.00	461.00	46,471.62	380,245.58					
2-K-1	Jct. #34 Hwy. to Beaverlodge	22,640.70	753.05					516.00				14.42		19,650.85	1,706.38	
2-K-2	Beaverlodge to B.C. Boundary	282,030.47	24,780.04	158,743.44	17,039.41			2,052.00	108.50	39,020.77				39,960.63	222.12	103.56
3-B-1	Lethbridge to Fort Macleod	101,485.76	7,818.24	529.75		1,671.35		1,839.00	1,067.49	11,370.67	37,844.74	38,861.75		306.37	176.40	
3-B-2	Fort Macleod to Pincher	12,190.85	11,328.45					862.40								
3-B-3	Pincher to Frank	266.00						266.00								
3-B-4	Frank to Crowsnest	68,965.96	8,277.97	56,797.14			130.35	3,760.50								
4-A-1	Lethbridge to Warner	40.88	40.88													
4-A-2	Warner to Coutts	40.88	40.88													
5-A-2	Cardston to Waterton Park Gates	182,240.10	4,828.03	156.00		7,966.08					4,122.24	145,912.66	18,673.16		581.93	
6-A	Pincher to Waterton Park	13,558.91	12,983.84	142.07				433.00								
7-A	Okotoks to Black Diamond	25,318.26	858.05	24,221.41	66.00		18.80	154.00								
8-A	Calgary to Bowness	5,670.00						5,670.00								
9-A-1	Inverlake to Beiseker	3,748.56						423.00								3,325.56
9-A-2	Beiseker to Drumheller	6,997.81	2,004.41													4,993.40
9-B-1	Drumheller to Hanna	1,763.14	9.63					225.00								1,528.51
9-B-2	Hanna to Youngstown	1,019.40		98.80				60.00							860.60	
9-C-1	Youngstown to Excel	450,496.80	19,525.71	106.51				50.00	368.74		429,900.90				544.94	
9-C-2	Excel to Alsask	210,884.54	13,142.09	131,142.28	14,766.56		1,935.72	14,759.00	782.90	34,355.99						
10-A	Drumheller to East Coulee	118,075.63	6,010.04	93.60	5.57			919.00				110,187.89			668.80	190.73
11-A	Red Deer to Sylvan Lake	1,486.26						558.00								
11-A-2	Sylvan Lake to Condor	2,957.36				928.26		300.00								
11-A-3	Condor to Rocky Mountain House	2,435.81				2,657.36		35.00								
11-C	Brazeau to Banff Park Gates	78,803.27	13,817.95	64,985.32		2,400.81										
12-A	Compeer to Veteran	13,844.71	13,844.71													
12-B-1	Veteran to Castor	289,368.14	24,821.00	156,336.46	7,164.14		676.94	9,290.00	1,136.50	29,488.43	3,503.50	31,527.69	25,423.48			
12-B-2	Castor to Stettler	738,451.46	38,569.42					1,852.60		156.93	493,316.66	126,483.64	77,605.00		467.21	
12-C-1	Stettler to Lacombe	487.60	487.60													
12-D-1	Lacombe to Rimbey	6,372.77				6,372.77										

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

MAIN HIGHWAY CONSTRUCTION

STATEMENT OF EXPENDITURE FROM APRIL 1, 1958 TO MARCH 31, 1959

APPROPRIATION 2154

Project Number	DESCRIPTION	TOTAL EXPENDITURE	ENGINEERING	GRADING	CULVERTS	GUIDE POSTS	FENCING	COMPENSATION	MOVING POWER & TELEPHONE LINES	GRAVEL SURFACING	STABILIZED GRAVEL BASE COURSE	ASPHALTIC SURFACE COURSE	SHOULDERING	SEAL COAT	CENTRE LINE PAINTING	RAILWAY CROSSING PROTECTION
13-A	Hayter to Hughenden	176,746.63	17,742.90	110,975.04	21,189.44		739.62	3,967.95	190.34	21,941.34						
13-B-1	Hughenden to Sedgewick	512,526.13	27,789.64	524.70	539.39			1,345.00		98.70	298,039.39	135,514.82	47,927.61		746.88	
13-B-2	Sedgewick to Daysland	175.00						175.00								
13-B-4	Camrose to Wetaskiwin	7,924.21				7,903.51			20.70							
14-A	Saskatchewan Bdry. to Wainwright	2,278.06	956.24	260.00				491.00	570.82							
14-B-1	Wainwright to Irma	206,209.60	23,163.87	3,414.16	606.15		13.00	4,499.40			174,409.51				103.51	
14-B-2	Irma to Viking	408,581.77	18,022.62	361.40			223.60	501.00			89,429.68	210,497.06	88,789.98		756.43	
14-B-3	Viking to Holden	613.79		117.00		24.79		472.00								
14-C-1	Holden to Tofield	3,361.34						3,351.34			10.00					
14-C-2	Tofield to Cooking Lake	4,200.79						3,351.34						849.45		
14-C-3	Cooking Lake to Edmonton	364.05												364.05		
15-A-1	Edmonton to Fort Saskatchewan	259,163.87	14,481.81	94,081.03	17,965.56		4.90	9,745.00			122,885.57					
15-A-2	Fort Saskatchewan to Mundare	538,346.69	34,146.31	1,345.04	1,357.89	10.05		2,004.00			498,604.07				837.51	41.82
16-A-1	Lloydminster to Vermilion	46.48		42.03	4.45											
16-A-2	Vermilion to Innisfree	325.00						325.00								
16-A-3	Innisfree to Vermilion	374.00						374.00								
16-B-2	Beverly to Clover Bar Connection	19,885.72	11,216.12											8,494.69	174.91	
16-C-1	Edmonton to Carvel Corner	586,623.66	25,046.94	161,280.69	2,380.73	11.29	2.75	6,401.00	249.30		243,779.67	115,026.38	19,289.62	11,988.92	1,166.37	
16-C-2	Carvel Corner to Entwistle	228,968.41	5,266.98	72,035.61	24,317.65			123,785.45			3,435.00			127.72		
16-C-3	Entwistle to Carrot Creek	80,728.51	5,528.05	2,186.18		4,694.20		283.00			24,086.75	16,083.78		27,665.86	200.69	
16-D-2	Edson to Obed	17,997.41	912.48					100.00						16,984.93		
16-D-3	Obed to Jasper Park Gates	35,602.72	1,816.13			12,838.24								20,345.98	602.37	
18-A-1	Clyde Corner to Barrhead Corner	720.47	606.07	114.40												
18-A-2	Barrhead Cor. to Ft. Assiniboine	614.98						614.98								
19-A-1	Wetaskiwin to Westrose	2,302.94		31.20		2,271.74										
21-A-1	Beiseker to Trochu	333,144.25	27,333.56	189,621.06	20,195.11		2,457.94	61,086.71		32,449.87						
21-A-2	Trochu to Jct. of Hwy. #12	87.00	10.00					77.00								
21-B-1	Jct. Hwy. #12 to Bashaw	144.80	144.80													
21-B-3	Ersvick to E. of Hay Lakes	503,780.80	41,774.44	304,468.82	41,234.45		838.94	67,843.12	6,832.32	40,788.71						
21-C-1	Jct. Hwy. #1 to Jct. Hwy. #9	15,315.69	15,315.69													
22-A	Midnapore to Black Diamond	214,700.01	17,841.56	136,182.34	18,376.01		1,767.47	14,888.00	4,500.72	21,143.91						
23-A-1	Monarch to Champion	21,770.59	12.68			9,563.64						9,531.08	2,663.19			
23-A-2	Champion to High River	973,474.22	29,376.12	442.00		10,031.71		7,930.00			543,094.85	288,272.86	93,606.75		719.93	
24-A	Vulcan Corner to Cheadle	4,140.85	834.35		462.50			2,844.00								
25-A	Lethbridge to Turin	240,667.16	20,378.77	157,914.42	13,551.19		3,105.80	20,417.00	3,454.82	21,845.16						
27-A	Jct. Hwy. #2 to Sundre	7,888.60						7,888.60								
28-A-1	Edmonton to Namao	600.00						600.00								
28-A-2	N. of Redwater to Waskatenau	333,903.05	14,387.23	90.60				300.00			121,299.47	145,668.17	51,630.40		527.18	
28-B-1	Waskatenau to Vilna	830,833.97	33,802.73	323,420.49	41,429.51		1,297.93	80,560.00	1,393.81	6,394.59	342,371.62				163.29	
28-B-2	Vilna to St. Paul	533,616.76	32,355.16	237,131.39	45,206.45		3,911.70	12,396.25	3,146.58	22,024.37		142,481.92	34,725.51		237.43	
28-C-1	Cold Lake to Beaver Crossing	94,061.66	10,695.97	50.00							83,072.24				243.45	
28-C-2	Beaver Crossing to E. of Rife	647.75						647.75								
29-A	Jasper Hwy. to Edmonton Beach	2,324.61														2,324.61
31-A	Jasper Hwy. to Seba Beach	2,056.99														2,056.99
34-A-1	Triangle to Valleyview	215.00	105.00					110.00								
34-A-2	Valleyview to 6th. Meridian	885,755.12	36,635.41	639.60				1,426.60		138.71	569,308.47	188,102.04	88,925.47		578.82	
34-A-3	6th. Meridian to Jct. #2 Hwy.	17,086.69	706.35	171.60				135.00		16,073.74						
35-A-1	Grimshaw to Dixonville	400.00						400.00								
35-B-1	N. of Hotchkiss to Kemp Creek	86,174.85	40,958.22	45,003.63				213.00								
35-B-2	Kemp Creek to N. of Metis Colony	478,740.58	47,684.99	10,341.68												
35-B-3	N. of Metis Colony to High Level	386,871.02	28,765.87	54,456.91	70,662.04					350,051.87						
35-C-1	High Level to Meander River	97,955.71	39,042.13	58,913.58	10,267.81					293,380.43						
35-C-2	Meander River to Steen River	93,505.41	17,306.99	76,198.42												
35-C-3	Steen River to N. Prov. Bdry.	80,385.07	19,065.98	61,319.09												
36-A-3	Castor to Hanna	453.98	453.98													
36-B-1	Viking to E. of Lavoy	486.00						486.00								
36-B-3	Two Hills to St. Brides	637.00						637.00								
36-C	Trans-Canada Hwy. to Jct. Hwy. #9	29,592.10	29,592.10													
36-D-1	Taber to Vauxhall	3,644.24	37.85	364.00				1,796.00	177.29							1,269.10

APPROPRIATION 2154

PROJECT NUMBER	DESCRIPTION	TOTAL EXPENDITURE	ENGINEERING	GRADING	CULVERTS	GUIDE POSTS	FENCING	COMPENSATION	MOVING POWER & TELEPHONE LINES	GRAVEL SURFACING	STABILIZED GRAVEL BASE COURSE	ASPHALTIC SURFACE COURSE	SHOULDERING	SEAL COAT	CENTRE LINE PAINTING	RAILWAY CROSSING PROTECTION
36-D-2	Vauxhall to Scandia	362,648.70	21,717.90	255,123.29	36,283.00		1,387.89	19,123.76	2,642.44	26,370.42						
36-D-3	Scandia to Brooks	11,114.06	11,114.06													
39-A-1	Leduc to 5th.Meridian	169,805.77	8,774.23			2,420.02		345.00		33,964.22	124,302.30					
39-A-2	5th.Meridian to Norbuck	364,791.96	27,207.43	152,244.39	24,759.53		1,906.91	39,867.00		24,245.46	94,561.24					
41-A-1	Wainwright to Vermilion	75.00						75.00								
41-A-2	Vermilion to Jct.Hwy.# 28	15.00						15.00								
41-B-1	Wainwright to Czar	337,934.84	22,649.11	224,653.17	24,167.61		3,450.88	12,886.25	32.25	50,095.57						
41-B-2	Czar to Consort	20,760.56	20,760.56													
43-A-1	Carvel Corner to Sangudo	1,234,213.80	39,249.52	751.29	993.47			970.00		128.64	685,109.13	384,279.08	121,247.45		1,485.22	
43-A-2	Sangudo to Whitecourt	232,752.81	7,822.49	1,084.25	203.40			1,767.00		8,106.80	164,920.01	30,682.58	18,166.28			
43-B-1	Whitecourt to Fox Creek	1,531,813.51	53,797.57	16,444.05	138.90					1,537.28						
											1322,711.12	75,694.21	60,033.24		1,457.14	
43-B-2	Fox Creek to Valleyview	1,249,371.99	45,858.39	8,826.02		432.88		21.85			1084,062.50	90,681.98	18,382.84		1,105.53	
44-A-1	Westlock to Flatbush	733,893.57	46,497.87	249,726.74	26,285.22		309.50	86,756.00		56,822.74	267,495.50					
45-A-1	Bruderheim to Andrew	2,619.14														
45-B-2	Dewberry to Marwayne	1,744.25		156.25	90.00			1,498.00								2,619.14
45-B-3	Marwayne to Jct.Hwy.# 17	322.60		197.60				125.00								
47-A	Leyland to Luscar	3,917.09		3,917.09												
48-A	Wildhorse to Elkwater	16.25	16.25													
49-A-1	Donnelly to Watino	62.40		62.40												
49-B-1	Rycroft to Blueberry Corner	58,031.68	2,427.09					15.00			55,322.13				267.46	
49-B-2	Blueberry Corner to B.C.Bdry.	8,751.94	627.87		6,212.47			1,911.60								
50-01	Ft.Assiniboine to Swan Hills	240,743.53	22,505.09	210,419.11				7,613.50	205.83							
50-02	N.of Sexsmith to Le Glace	1,231.01	1,231.01													
54-A	Innisfail to Clearwater River	3,137.45		2,416.85				347.00		373.60						
55-A	Ft.Saskatchewan to Bremner	2,550.32	205.87	407.26	1,209.09									728.10		
56-A-1	Stettler to Big Valley	613.71		213.71				400.00								
56-A-2	Big Valley to Morrin Corner	198,482.85	8,408.49	139,825.07	14,767.63		719.73	4,748.00	5,710.96	24,302.97						
57-A	Entwistle to Drayton Valley	682.36														
57-B	Drayton Valley to Alsike	501,028.37	37,798.06	383,297.18	22,249.70		874.92	11,840.00		44,968.51						
58-A	High Level to N.of Ft.Vermilion	49,552.34	5,132.08	44,420.26												
43.35	Ashmont to East of Rife	145,323.57	20,690.86	87,279.29			1,505.90	35,847.52								
43.43	Gold Lake Airport to Marie Creek	15,105.25	510.70	166.40	2,351.28					12,076.87						
43.44A	Donnelly to Little Smoky River	473,120.13	9,519.34	1,704.76	7,286.50			1,344.00		16,383.91	436,881.62					
43.44B	Little Smoky River to Valleyview	801,236.57	67,231.11	603,113.95	35,915.33			5,278.90		89,697.28						
43.46	Didsbury to Jct.Hwy.# 2	2,001.10	2,001.10													
43.47	Carstairs to Jct.Hwy.# 2	734.27	734.27													
43.55	Big Valley to Jct.Hwy.# 56	757.50	757.50													
43.56	Dewberry to Jct.Hwy.# 45	237.50	237.50													
43.57	Clandonald to Jct.Hwy.# 45	712.50	712.50													
43.58	Hazeldine to Jct.Hwy.# 45	200.00	200.00													
43.59	Islay to Jct.Hwy.# 16	475.00	475.00													
43.60	Sedgewick to Jct.Hwy.# 13	773.55	773.55													
43.62	Redwater to Jct.Hwy.# 28	340.00	340.00													
43.63	Rusylvia to Jct.Hwy.# 11	475.00	475.00													
43.67	Sangudo to Jct.Hwy.# 43	46.44	46.44													
43.68	Rochfort Bridge to Jct.Hwy.# 43	538.61	538.61													
43.74	Waskatenau to Jct.Hwy.# 28	416.67	416.67													
43.75	Spy-Hill Prov.Gaol to Jct.Hwy.1A	475.00	475.00													
40.00E10	Village of Cochrane	13,708.22	2,989.87	2,692.89	10.00		16.04	25.00			7,940.41				34.01	
40.00E20	Town of Lacombe	30,568.45									20,790.69	8,232.77	1,544.99			
40.00E27	Town of Ponoka	31,302.21			31,302.21											
40.00E28	City of Red Deer	4,097.62							4,097.62							
40.00E42	City of Drumheller	51,048.27	4,283.96					125.00			23,128.09	23,511.22				
40.00E46	Town of Fort Saskatchewan	29,205.31	2,441.64	6,478.18	600.50						19,684.99					
40.00E47	City of Lethbridge	48,938.40		48,938.40												

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS
MAIN HIGHWAYS CONSTRUCTION
APPROPRIATION 2154

PROJECT NUMBER	DESCRIPTION	TOTAL EXPENDITURE	ENGINEERING	GRADING	CULVERTS	GUIDE POSTS	FENCING	COMPENSATION	MOVING POWER & TELEPHONE LINES	GRAVEL SURFACING	STABILIZED GRAVEL BASE COURSE	ASPHALTIC SURFACE COURSE	SHOULDERING	SEAL COAT	CENTRE LINE PAINTING	RAILWAY CROSSING PROTECTION
40.00E72	City of Calgary	\$60,844.09	\$2,716.80									\$58,127.29				
40.00E78	Village of Irma	11,616.36									11,616.36					
40.00E111	Town of St. Paul	40,120.15	3,708.91	6.48							96.12	36,200.51	108.13			
40.00E152	Village of Big Valley	3,217.82	39.50	2,708.04	89.13					381.15						
40.00E157	Village of Cold Lake	10,740.53									10,740.53					
40.00E158	Hamlet of Grande Centre	28,681.50									28,681.50					
		\$29,193,304.73	\$1,862,943.09	\$6,696,025.40	\$776,460.24	\$103,357.84	\$45,019.54	\$958,096.35	\$47,579.34	\$1,426,388.49	\$11,233,753.96	\$4,399,186.51	\$1,152,727.73	\$437,900.26	\$33,285.09	\$20,580.89

<u>GENERAL</u>		
76	Equipment	18,576.90
3044	Workmen's Compensation	50,016.50
3077	Gravel Research	196,359.22
3083AA	Head Office	
	Supervision	327,218.43
3083AB	Board	10,974.83
3083AB(35)	Board	4,421.62
3083ST	Service Training	6,567.61
3175	Unemployment Ins.	11,431.51
3175 (35)	Unemployment Ins.	11.58
3196	Laboratory	20,917.06
3225	Beukelman Beam	
	Testing	20,003.13
3226	Roughometer Tests	91.02
		<u>\$ 29,859,894.14</u>

Salaries in the amount of \$455,215.95 are included.

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

TRANS-CANADA HIGHWAY

STATEMENT OF EXPENDITURE FROM APRIL 1, 1958 TO MARCH 31, 1959

APPROPRIATION 2156 HIGHWAY

PROJECT NUMBER	DESCRIPTION	TOTAL EXPENDITURE	ENGINEERING	GRADING	CULVERTS	GUIDE POSTS	FENCING	COMPENSATION	MOVING POWER & TELEPHONE LINES	GRAVEL SURFACING	STABILIZED GRAVEL BASE COURSE	ASPHALTIC SURFACE COURSE	SHOULDERING	SEAL COAT	CENTRE LINE PAINTING	CONCRETE PAVEMENT	UNEMPLOYMENT INSURANCE
1 C 1/1	Calgary to Bowness	\$ 1,030,370.26	\$ 33,613.55	\$ 52,360.94	\$ 9,413.33	\$ 1,245.31	\$ 422,933.00	\$ 2,827.21	\$ 1,585.13	\$ 956.87	\$ 12,734.70	\$ 45,927.18	\$ 260.80	\$ 446,428.62	\$ 83.62		
1 C 1/2	Bowness to S. of Cochrane	256,368.66	13,264.85	409.60	1,035.33	4,408.93	185.00			41,952.28	128,505.40	60,815.65	4942.16	808.23			
1 C 1/3	S. of Cochrane to S. of Radnor	430,165.91	14,913.02	679.75	1,233.22	9,825.79				44.40	200,749.91	131,255.22	65,393.34	5752.17	262.21		
1 C 2/1	S. of Radnor to Kananaskis River	300,901.64	13,437.38	879.90	2,558.42	5,834.10	544.81	1,015.00			1,706.57	186,094.42	79,672.82	8941.27	183.67		
1 C 2/2	Kananaskis River to "The Gap"	256,885.66	9,778.06			45,184.57					4,449.79	123,504.94	67,913.25	5113.94	850.53		
1 C 2/3	"The Gap" to Banff Park Gates	237,982.95	10,568.83	6,209.50	2,142.28	7,215.93		11,901.00	145.16		6,635.24	135,606.87	51,284.80	5462.00	760.62		
		\$ 2,512,675.08	\$ 95,575.69	\$ 60,539.69	\$ 16,382.58	\$ 72,469.32	\$ 1,790.12	\$ 436,034.00	\$ 2,972.37	\$ 1,629.53	\$ 256,450.66	\$ 717,701.55	\$ 371,007.04	\$ 30,472.34	\$ 2,865.26	\$ 446,428.62	\$ 356.31

Salaries in the amount of \$ 16,838.22 is included.

Memorandum: Reimbursements by Canada 50% of Shareable Expenditure
including Bridges Under Trans-Canada Highway
Dominion Provincial Agreement Dated April 24, 1950
and New Agreement Dated June 22, 1956 as Follows:

Prior Construction April 1, 1928 - Dec. 9, 1949 \$ 475,943.78
Dec. 10, 1949 - April 24, 1950 14,975.87
April 25, 1950 - March 31, 1951 192,106.23
April 1, 1951 - March 31, 1952 1,081,317.54
April 1, 1952 - March 31, 1953 2,872,710.18
April 1, 1953 - March 31, 1954 2,605,951.57
April 1, 1954 - March 31, 1955 935,220.23
April 1, 1955 - March 31, 1956 2,206,074.14
April 1, 1956 - March 31, 1957 1,365,045.56
April 1, 1957 - March 31, 1958 4,733,154.74
April 1, 1958 - March 31, 1959 3,005,104.11

\$ 19,487,603.95

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

STATEMENT OF EXPENDITURE FROM APRIL 1, 1958 TO MARCH 31, 1959.

APPROACH ROADS - APPROPRIATION 2113B

PROJ. NO.	DESCRIPTION	TOTAL EXPENDITURE	ENGINEERING	GRADING	CULVERTS	GUIDE POSTS	FENCING	COMPENSATION	MOVING POLES	GRAVEL SURFACING	STABILIZED GRAVEL COURSE	ASPHALTIC SURFACE COURSE	SHOULDERING	CENTRE LINE PAINTING
43.46	Didsbury to Jct.Hwy.# 2	177,056.30	7,825.32	1,289.10	268.92			763.00			89,529.70	60,879.98	16,404.60	95.68
43.47	Carstairs to Jct. Hwy.# 2	121,518.06	4,692.37	3,016.93	318.18		518.15	2,254.00	2,814.15		59,116.07	39,460.42	9,122.20	205.59
43.48	Edgerton to Jct.Hwy.# 14	338.96		104.00		57.96		177.00						
43.50	Eckville to Jct.Hwy.# 11	10,088.86	2,582.83	6,362.88	243.10		8.63	537.00		354.42				
43.51	Hardisty to Jct.Hwy.# 13	6,811.46	35.70									5,492.10	1,283.66	
43.52	Gleichen to Jct.Hwy.# 1	42,707.92	4,023.99	28,895.06	4,542.94		577.50	3,233.00		1,435.43				
43.53	Cluny to Jct.Hwy.W 1	36,619.45	6,198.54	23,003.29	2,647.29		577.50	2,268.00		1,924.83				
43.54	Three Hills to Jct.Hwy.#21	19,144.29	1,203.35	12,354.46	2,068.28			891.00		2,627.20				
43.55	Big Valley to Jct.Hwy.#56	23,529.06	541.86	19,483.57	320.15		150.68	2,280.00		752.80				
43.56	Dewberry to Jct.Hwy.# 45	19,277.36	875.06	15,461.81	936.80			817.38	320.17	866.14				
43.57	Clandonald to Jct.Hwy.# 45	46,528.62	2,662.56	36,936.87	3,546.99			2,391.00		991.20				
43.58	Hazeldine to Jct.Hwy.# 45	30,851.44	983.67	22,968.42	1,829.66			3,936.00	275.70	852.99				
43.59	Islay to Jct.Hwy.# 16	90,008.99	2,906.80	61,672.18	8,590.89			7,530.00	1,393.93	7,915.19				
43.60	Sedgewick to Jct.Hwy.# 13	16,973.05	2,775.15	9,203.34	3,337.27			385.00		1,272.29				
43.61	Ft.Sask.toJct.Hwy.# 14	614.23	614.23											
43.62	Redwater to Jct.Hwy.# 28	49,343.36	3,648.36	38,587.18	361.29		1,150.07	3,434.16		2,162.30				
43.63	Rusylvia to Jct.Hwy.# 11	22,080.60	2,092.65	14,802.59	2,162.20			686.00	15.50	2,321.66				
43.64	Vulcan to Jct.Hwy.# 23	2,351.54									2,351.54			
43.65	Coronation to Jct.Hwy.# 12	1,233.63						10.00		1,223.63				
43.66	Provost of Jct.Hwy.# 43	6,499.10	1,588.59	3,693.45	9.85		9.05	472.00		726.16				
43.67	Sangudo to Jct.Hwy.# 43	85.20	85.20											
43.68	Rochfort Bridge to Jct.Hwy. # 43.	12,767.26	2,620.76	8,417.40	445.88			972.00		311.22				
43.69	Hanna to Jct.Hwy.# 9	149.63	149.63											
43.70	Trochute Jct.Hwy.# 21	6,205.91	1,450.33	2,709.18				375.00		1,671.40				
43.71	Huxley to Jct.Hwy.# 21	6,313.71	1,082.02	3,190.19				534.00		1,507.50				
43.73	Pibroch to Jct.Hwy.# 44	17,128.99		11,297.25	629.52			1,057.00		4,145.22				
43.74	Waskatenau to Jct.Hwy.# 28	6,978.08	6,100.78		532.48			10.00		334.82				
43.75	Spyhill Prov.Gaol to Jct.Hwy.# 1A	2,613.41	2,613.41											
		\$775,818.47	\$59,358.16	\$323,449.15	\$32,791.69	\$ 57.96	\$2,991.58	\$35,012.54	\$4,819.45	\$33,396.40	\$150,997.31	\$105,832.50	\$26,810.46	\$ 301.27
3083-AB Board		528.85												
3175 Unemployment Insurance		1,653.17												
3044 Workmens' Compensation		366.70												
		<u>\$778,367.19</u>												

NOTE: Salaries in the amount of \$8,166.37 included in Appropriation 2154.

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

HIGHWAY SAFETY CONTROL

APPROPRIATION 2112B

EXPENDITURE FROM APRIL 1, 1958 TO MARCH 31, 1959

Workmen's Compensation	\$ 319.83
Unemployment Insurance	67.37
Head Office Administration	15,468.23
Accident Prone Locations	240.00
Traffic Count (out of town)	3,935.47
Traffic Speed Studies (Field Work)	24.45
40.00 E71—Edmonton—Traffic Count	7,359.30
40.00 E72—Calgary—Traffic Count	7,486.28
Appropriation 2112	<u>\$34,900.93</u>

Salaries \$15,468.23 included.

GOVERNMENT OF THE PROVINCE OF ALBERTA

BRIDGE BRANCH

BRIDGE CONSTRUCTION & MAINTENANCE

L. H. McMANUS, Chief Bridge Engineer

During the 1958-59 season, 3 steel bridges, 17 concrete bridges, 11 concrete culverts and 25 metal culverts were constructed on main highways throughout the Province including the Trans-Canada Highway. As well, 3 new steel bridges, 8 salvage steel bridges, 157 concrete bridges, 6 concrete culverts and 234 metal culverts were constructed on other than main highways throughout the province. In addition reconstruction and maintenance of existing structures was carried out on 368 bridges.

All structures on the Trans-Canada Highway between Bowness and Banff were completed and ready for traffic.

Major expenditures were made on several projects still under construction and which do not appear in the summaries tabled below. These include the Red Deer River Bridges at Sundre, Drumheller and Morrin and the Peace River Bridge at Dunvegan. The substructure of the Dunvegan Bridge has been completed and the steel superstructure will be erected in the coming year.

Contracts were let as follows:

Construction of bridges and culverts	7
Painting steel bridges	3
Paving bridge deck	1

In addition, 19 bridge crews were employed on a full time basis on construction, repair and maintenance.

Following is listed details of some of the major bridges completed in 1958-59 and a summary of the year's work.

Trans-Canada Highway

	Bow River Bridge , 2 miles southeast of Canmore (74353)
Type:	Reinforced concrete "T" girder on concrete
Span:	96' — 130' — 130' — 96'
Clear Roadway:	50'

	Jumping Pound Creek Bridge , 6 miles south, 4 miles west of Cochrane (74355)
Type:	Reinforced concrete "T" girders on concrete
Span:	58' — 82' — 82' — 58'
Clear Roadway:	50'

	Bowness Underpass under C.P.R. in Bowness (74359)
Type:	Steel plate girders on concrete
Span:	80' — 80' — 80'
Clear Roadway:	50'

	Bow River , west of Montgomery (74360)
Type:	Reinforced Concrete "T" girders on concrete
Span:	90' — 124' — 124' — 124' — 90'
Clear Roadway:	50'

Other Highways

Type:	Little Smoky River Bridge, Highway 34 (74440)
Span:	Steel deck trusses and girder spans on concrete substructure
Clear Roadway:	110' — 200' — 200' — 200' — 110' — 70'
	28'
Type:	Prairie Creek Bridge, 1 mile south of Slave Lake, Highway 2 (13824)
Span:	Steel girders on concrete substructure
Clear Roadway:	48' — 60' — 48'
	36'
Type:	Reservoir at Chestermere Lake (1049)
Span:	Precast Concrete on steel piling
Clear Roadway:	28' — 28' — 28' — 28' with 4'-6" clear sidewalk
	45'
Type:	Redwater River Bridge, 2½ miles east of Redwater (8495)
Span:	Continuous steel girders on concrete
Clear Roadway:	50' — 50' — 50'
	26'
Type:	Beaver River Bridge, north of Bonnyville (8196)
Span:	Precast prestressed concrete girders
Clear Roadway:	80' — 80' — 80' — 80'
	26'
Type:	Bear Creek Bridge, in City of Grande Prairie (1481)
Span:	Precast prestressed concrete girders
Clear Roadway:	65' — 65' with two 5'-10" sidewalks
	46'
Type:	Oldman River Bridge, 11 miles north of Taber, Highway 36 (74653)
Span:	Reinforced continuous concrete girders
Clear Roadway:	83' — 115' — 115' — 115' — 115' — 115' — 115' — 83'
	30'
Type:	Bow River Bridge, 2½ miles southwest of Scandia, Highway 36 (13370)
Span:	Reinforced continuous concrete girders
Clear Roadway:	83' — 115' — 115' — 115' — 115' — 115' — 115' — 83'
	30'
Type:	Lesser Slave Lake Bridge, 1 mile south of Grouard (184)
Span:	Precast concrete on steel piling
Clear Roadway:	22 spans 28' long
	24'
Type:	Sturgeon River Bridge, 4 miles northeast of St. Albert (7513)
Span:	Precast prestressed girders on concrete
Clear Roadway:	70' — 80' — 70'
	28'

Summary of Work Undertaken for Fiscal Year 1958-59

Trans-Canada Highway

Steel Underpasses	
Constructed	1
Reinforced Concrete Bridges	
Constructed	3
	—
TOTAL	4
	—

Main Highways

Steel Bridges	
Constructed	2
Reconstructed	2
Repaired	45
Dismantled	1
Overpasses	
Repaired	1
Precast Bridges	
Constructed	8
Repaired or Widened	12
Reinforced Concrete Bridges	
Constructed	3
Repaired	7
Prestressed Concrete Bridges	
Constructed	3
Reinforced Concrete Culverts and Cattlepasses	
Constructed	11
Repaired	10
Retaining Walls and Ditches	
Constructed	1
Repaired	2
Steel Culverts	
Constructed	25
Extended or Repaired	3
Timber Culverts and Cattlepasses	
Constructed	5
Repaired or Extended	1
Timber Bridges	
Constructed	—
Reconstructed	2
Repaired	37
Dismantled	—
Timber Overpasses	
Constructed	—
Repaired	2
Bridges Painted	
	8
TOTAL	
	191

Other Roads

Steel Bridges	
Constructed	11
Reconstructed	23
Repaired	65
Dismantled	7
Overpasses	
Repaired	—

APPROPRIATION 2111—INCOME ACCOUNT	\$77,913.64
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GOVERNMENT OF THE PROVINCE OF ALBERTA

DEPARTMENT OF HIGHWAYS
STATEMENT OF EXPENDITURE ON MAINTENANCE AND
CONSTRUCTION OF BRIDGES, PROTECTION WORKS AND DAMS
FOR THE YEAR ENDED MARCH 31, 1959

CONSTRUCTION

I.D. or M.D.		Total	I.D. or M.D.		Total
Administration		\$ 17,634.11	M.D. 55		\$ 176,657.80
Equipment		4,641.07	M.D. 63		4,119.13
Workmen's Compensation		13,603.92	M.D. 64		86,160.85
Unemployment Insurance		3,345.25	I.D. 65		124,502.01
			M.D. 66		8,716.63
Town of Athabasca		1,542.00	M.D. 71		4,758.58
City of Grande Prairie		109,234.94	M.D. 72		21,028.10
			M.D. 75		87,362.74
Special Areas		13,072.00	I.D. 77		24,257.44
			I.D. 78		18,432.82
Counties—			M.D. 81		3,068.13
No. 1	\$256,135.87		M.D. 83		407.88
2	13,812.94		M.D. 84		3,719.63
3	9,092.69		M.D. 86		3,107.68
4	170,914.84		M.D. 87		178,335.96
5	11,801.39		M.D. 89		71,582.58
6	3,623.93		M.D. 90		172,989.12
7	61,324.73		M.D. 92		57,997.81
10	114.19	526,820.58	M.D. 93		40,142.59
			I.D. 95		6,346.93
M.D. 6		8,423.55	I.D. 96		3,855.61
M.D. 9		25,709.54	M.D. 106		171.11
I.D. 10		40,014.96	I.D. 108		11,659.78
M.D. 14		248,061.64	I.D. 109		52,014.38
M.D. 25		27,005.43	I.D. 124		94,805.14
M.D. 26		87,327.32	I.D. 125		163,826.72
M.D. 31		3,723.23	I.D. 126		76,408.40
M.D. 40		1,755.52	M.D. 130		44,266.89
I.D. 42		314,305.40	M.D. 133		116,922.65
M.D. 44		74,505.58	M.D. 136		1,964,785.16
M.D. 47		139,855.00	I.D. 138		173.99
M.D. 48		182,530.82	I.D. 143		3,674.71
M.D. 49		300,778.24	I.D. 146		2,925.01
M.D. 53		342.20	I.D. 946		1,572.31

APPROPRIATION 2153B—CAPITAL ACCOUNT \$5,774,988.57

TRANS-CANADA HIGHWAY — APPROPRIATION 2156 — BRIDGES

M.D. 44	\$315,799.91
I.D. 46	150,461.35
I.D. 946	32,058.59
	<u>\$498,319.85</u>

SUMMARY

Income Account		
Appropriation No. 2104	\$2,752,747.35	
Appropriation No. 2111	77,913.64	\$2,830,660.99
		<u> </u>
Capital Account		
Appropriation No. 2153	5,774,988.57	
Appropriation No. 2156 (Bridges)	498,319.85	6,273,308.42
		<u> </u>
		\$9,103,969.41

Salaries included in Totals.

SURVEYS BRANCH

Report for the Year Ended March 31, 1959

C. W. LESTER, Director of Surveys

SURVEYS: Field Work

Eleven field parties were employed during the field season from May the first to the end of October and two of these parties continued field work on base line surveys in the northern part of the Province. Eight of these parties were employed on surveys of main highways, road diversions, and miscellaneous surveys requested by other departments. One party was employed on township subdivision survey in the Metis colony near Keg River and completed one hundred and fifty-seven miles of section lines, also a number of miles of river traverse within the townships surveyed. This party then completed the surveying and monumenting of the 27th base line to the Alberta-British Columbia boundary, a distance of approximately sixty miles. After the Christmas season they started work on the twenty-sixth base line, starting three ranges west of the sixth meridian and completed the line across the Chinchaga River when spring break-up necessitated the cessation of the base line work till next winter. One other party completed surveying and monumenting sixty miles of central meridians in the Swan Hills area and after freeze-up this party proceeded with the surveying and monumenting of the 24th base line, west of the Sixth Meridian. This was completed to the Alberta-British Columbia boundary before spring break-up.

SURVEYS: Inspections

A number of inspections were made, some at the request of the Council of the Alberta Land Surveyors' Association and others due to discrepancies which appeared on plans being examined in the draughting room. Corrections were made on the ground by the private surveyors responsible for the work.

SURVEYS: Office Work

The plans of two hundred and seventy-seven surveys made were prepared by the District Surveyors and their assistants during the winter months. Two hundred and fifty-one plans of Provincial Government surveys and three hundred and twenty-four Municipal District plans of surveys were checked by the draughting room staff prior to approval and registration in the Land Titles Office. Six hundred and forty-one right-of-way plans (i.e. Pipe line, Irrigation, Utility, etc.) were examined and approved before registration. Other miscellaneous plans examined and approved amounted to one hundred and seventy-seven.

Eight various types of maps of the Province were prepared for various departments as follows:

Work was begun on a new base map of the Province and this will probably take another year.

A new edition of the 1 inch to 12 miles and a 1 inch to 30 miles Municipal District Map was published for the Department of Municipal Affairs.

A base map of the Province was prepared for the Town and Rural Planning Branch of the Department of Municipal Affairs.

- Map showing the Census Divisions.
- A corrected edition of the 1 inch to 30 mile M.D. map.
- A new map showing mean annual frost free periods.
- A new map showing mean annual precipitation.
- Seating plan of the Legislative Assembly.

Thirty-seven Township Subdivision plans were prepared from the Surveyor's notes and approved. The lithographing was done by the Queen's Printer and a supply for public sale was forwarded to the Department of Lands and Forests.

Notification of transfers forwarded to the Registrars of Land Titles covering abandoned roadways and other land no longer required for public purposes was eight hundred and forty-five. The abandoned lands were transferred to adjacent property.

COMPENSATION FOR ROADWAYS, Etc.

	Vote	No. of Vouchers	Amount
Main Highways	2154-B	944	\$ 809,443.51
Trans-Canada Highway	2156-B	17	433,340.96
District Roads	2106-1	233	26,134.61
Connecting Roads	2113-B	66	22,367.00
Alberta Government Telephones		31	7,716.70
Bridges	2153-B	6	3,348.51
Surveys	2151-B	26	2,940.84
Locations Branch	2157-B	2	75.00
Public Works	759	5	4,218.00
Kitchen Sites	2114-B	22	5,738.50
Agriculture Department	844	2	88.00
TOTALS		1,354	\$1,315,411.63

APPROVAL OF TOWNSITE PLANS

Eight hundred and forty-six new townsite subdivision plans were examined and approved with respect to the Alberta Surveys Act and Subdivision Regulations made for streets, lanes, Public Reserves and Parks. This number was ninety more than the number approved during 1957-58. One hundred and seven certificates of title were issued to the Department of Public Works upon registration of these plans.

PUBLIC SITES

There were twenty-six certificates of title for site properties received for the Department of Public Works, the transactions of which were completed by the staff of the Department of Public Works.

LEASES OF ROAD ALLOWANCES AND PUBLIC WORK RESERVES

Leases of road allowances south of approximately Township Thirty-six continued to be handled by the Department of Lands and Forests as per Order-in-Council. North of Township Thirty-six the Surveys Branch of the Department was responsible for the leasing of road allowances. During the year twenty new leases were issued and the number in force were two hundred and seventy, forty-seven of these being free leases. Seventy-eight leases of Public Works Reserves are in force at various points throughout the Province and seventeen leases of gravel pit areas under highway road files.

PERMITS FOR UTILITIES, ETC., AFFECTING ROADWAYS

Three hundred and forty-three applications were received for Power Transmission lines and of these, three hundred and thirty-one permits were issued. Two hundred and fifty-one Preliminary plans were submitted and one hundred and one Easement applications were checked.

Seventeen applications were received for Gas Consumer Lines and thirteen Certificates of Approval were issued under the Water, Gas, Electric and Telephone Companies Act.

Nine applications were received for Sewer Pipe Lines and five permits were issued. Five applications were received for Water Pipe Line and two permits were issued. Twelve applications were received for Irrigation permits and nine permits were issued.

REPRODUCTIONS

Ozalid blue line printing done was 230,975 square feet as compared with 166,065 square feet in 1957-58.

The total value of printing done and map mounting for various departments of the Government during the year was \$16,662.16.

The following is a summary of the work of the branch, described above:

Surveys required and brought forward from 1957	532
Surveys requested during 1958	432
Surveys made or cancelled during 1958	341
Surveys carried forward to 1959	623
Plans submitted and examined on behalf of Municipal Districts	324
New Township Plans prepared and confirmed	37
Certificates of Title received for Public Purposes under Subdivision Regulations ..	26
Certificates of Title to Public Sites	81
Transfers issued covering lands no longer required	845
Number of plans of Townsite Subdivisions approved	846
Right of Way Plans examined and approved	641
Other plans examined and approved	428
Irrigation Permits issued	9
Applications submitted	12
Preliminary plans of Power Transmission Lines submitted	251
Applications received	343
Permits issued	331
Water Pipe Line Permits issued	2
Sewer Pipe Line Permits issued	5
Consumer Gas Line Permits issued	13
Vouchers for compensation issued	1,354
Leases for Road Allowances in force	270
New Leases for Road Allowances issued	20
Leases of Public Reserves and Gravel Pits on Highway Plans	95

LOCATION BRANCH

REPORT FOR YEAR ENDING MARCH 31st, 1959

J. F. LESTER, Chief Location Engineer

During the year under review four Engineers with required parties were engaged on location surveys on the following projects:

(1) **Preliminary location work was continued on sections of the following—**

2-H-2	—	6th Meridian to Dunvegan
16-D-2	—	Edson to Obed
21-B-3	—	Ervick to Junction No. 14 Highway
36-C	—	Brooks to Hanna
41-3-43	—	Proposed Approaches Morrin Bridge

(2) **Location survey work was undertaken on sections of the following projects—**

2-B-2	—	High River to Stavely
2-B-3	—	West Calgary Bypass
2-D-3	—	Millet to Edmonton
2-H-1	—	Peace River to Grimshaw
3-A-3	—	Coaldale to Lethbridge
11-C	—	Nordegg to Banff Park Boundary
16-C-2	—	Magnolia to Entwistle
16-C-3	—	Entwistle to Styal
17-A	—	Proposed Battle River Crossing
18-B-1	—	Fort Assiniboine to Swan Hills
21-A	—	Trans-Canada Highway to No. 9 Highway
27-A	—	Proposed Bridge Crossing at Sundre
A35-A-1	—	Grimshaw to Dixonville
A35-A-3	—	North Star to North of Hotchkiss
A35-B-1	—	North of Hotchkiss to Kemp Creek
A35-B-3	—	North of Metis Settlement to High Level
A35-C-1	—	High Level to Meander River
A35-C-2	—	Meander River to Steen River
A35-C-3	—	Steen River to North Provincial Boundary
41-B-2	—	Proposed intersections of No. 12 and No. 41 Highways
41-C	—	Medicine Hat to No. 9 Highway
A58-A	—	High Level to Fort Smith, Wood Buffalo Park
39525	—	Proposed Seebe Connection Trans-Canada Highway to No. 1A Highway
41-1-30	—	Atlee to Jenner
41-4-41	—	Proposed Crossing of Highwood River near Longview
41-4-47	—	Proposed Crossing of Bow River South of Cochrane
41-5-48	—	Proposed Crossing of Battle River near Donalda
41-11-41	—	Proposed Forestry Road, Grande Prairie South

Applications for permits to construct various utilities were scrutinized to avoid complications for future main highway development, and comprised applications for the following:

237	—	Gas or oil pipe lines
616	—	Power line extensions
15	—	Sewer and water lines
5	—	Miscellaneous

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS

Highway Locations
Appropriation 2157

EXPENDITURE FROM APRIL 1, 1958, TO MARCH 31, 1959

SUMMARY

Project	Description	Total
2-B-2	Stavelly to High River	\$ 686.95
2-B-3	High River to Calgary	5,007.80
2-D-1	Red Deer to Ponoka	25.00
2-D-3	Millet to Edmonton	4,772.59
2-H-1	Peace River to 6th Meridian	12,845.36
2-H-2	6th Meridian to Dunvegan	2,989.99
3-A-3	Taber to Lethbridge	1,127.22
11-C	Nordegg to East Boundary of Banff Park	23,453.56
16-C-2	Carvel Corner to Entwistle	12,544.37
16-C-3	Entwistle to Carrot Creek	3,970.94
16-D-2	Edson to Obed	2,246.20
17-A	Rivercourse to Lloydminster	612.50
18-B-1	Ft. Assiniboine to Swan Hills Area	14,309.39
21-A	Beiseker to Trochu	11,884.52
21-B-3	Ervick to East of Hay Lakes	3,218.83
27-A	Jct. Highway No. 2 to Sundre	1,411.31
*35-A-1	Grimshaw to Dixonville	8,778.31
*35-A-3	North Star to North of Hotchkiss	1,679.95
*35-B-1	North of Hotchkiss to Kemp Creek	13,503.14
*35-B-3	North of Metis Settlement to High Level	1,586.31
*35-C-1	High Level to Meander River	8,465.05
*35-C-2	Meander River to Steen River	10,755.95
*35-C-3	Steen River to N. Provincial Boundary	6,035.44
36-C	North of Duchess to Brooks	2,783.19
41-B-2	Czar to Jct. No. 12 Highway	1,515.37
41-C	Medicine Hat to No. 9 Highway	9,614.57
*58-A	High Level to West Boundary of Wood Buffalo Park	6,597.81
41-1-30	Atlee to Jenner	3,923.79
41-3-43	Proposed Morrin Bridge Site	5,554.93
41-4-41	Proposed Bridge Site at Longview over Highwood River	1,289.85
41-4-47	Proposed Bridge Crossing of Bow River S. of Cochrane Hill	3,221.35
41-5-48	Proposed Crossing of Battle River East of Donalda	383.70
41-11-41	Grande Prairie S. to Entrance	4,988.30
39525	Connection between Highway No. 1A-Highway No. 1 at Seebe	912.26
Administration Files:		
	Administration	\$22,982.08
	Equipment	1,474.13
	Unemployment Insurance	529.92
	Workmen's Compensation	1,657.85
		26,643.98
	APPROPRIATION 2157	\$219,339.78
Salaries — Appropriation 2157-A — included in above Statement		\$48,475.00

* 50% Reimbursable by the Dominion Government

MOTOR VEHICLE BRANCH

MOTOR VEHICLE REGISTRATION DIVISION

Motor Vehicle registrations continued to rise during the past year. Total registrations for the fiscal year 1958-59 were 434,354. This indicates an increase of 25,037 over previous year registrations. In addition to original registrations the Branch recorded over 100,000 transfer and exchange transactions and numerous changes of addresses. There were a number of changes in the regulations during the past year especially in the field of farm vehicle and miscellaneous vehicle registration. Special instructions regarding these changes were pre-mailed with the license renewal forms for convenience to the public. Periodical inspections covering most of our 225 license agencies were conducted during the year. These inspections have been most beneficial to this Branch, and to our agents in carrying out the regulations pertaining to registration, and maintaining uniformity in issuing procedures and improved service to the public.

Registrations for the 1958-59 fiscal year as follows:

Passenger Cars	293,701
Mortorcycles	2,274
Dealers	2,109
Public Service and Commercial Vehicles	136,270
TOTAL	434,354

Summary of registrations of public service and commercial vehicles:

Public Service Vehicles (Operated for compensation)

P.S. — Freight Vehicles	5,421	
E. — Freight Vehicles (Exempted Goods)	5,044	
C. — Freight Vehicles (Operations confined to Cities, Towns and Villages and a 5-mile radius therefrom)	5,780	
L. — Livery and Taxi Cabs	758	
D.U. — Drive-ur-self Vehicles	451	
BUS — Franchised Buses	566	
S.B. — School Buses	2,727	20,747
		<hr/>

Commercial Vehicles

C.V. — Business firms transporting own goods	14,123	
X. — Miscellaneous, and for commercial operations confined to Cities, Towns and Villages and a 5-mile radius therefrom	23,101	
F. — Farm operations	69,927	
G. — Provincial, Federal and Municipal Government	6,208	
T. — Trailers	2,164	115,523
		<hr/>
		136,270

OPERATORS' DIVISION

Central Registry Office:

	1956	1957	1958
Registration of Incumbrances	100,103	104,197	102,514
Searches	18,588	23,748	30,883
Notice of Seizure— (4 months only from Sept. 1, 1958)			842

It will be noted that there was a slight decrease in incumbrance registration during the year. This can be accounted for by the fact that several chartered banks have entered the motor vehicle financing field. Bank policy does not provide for registration of incumbrances, presumably because they deal only on a preferred basis. Notices of Seizure are a new innovation with the various sheriffs' offices co-operating in providing evidence that a motor vehicle has, or is about to be, seized.

DRIVER EXAMINATIONS:

The Driver Examinations program was extended during 1958 to cover the entire province. Sixteen additional examination centres were opened to facilitate the extension as follows:

Bow Island	Foremost	Three Hills	Barrhead
Cold Lake	Banff	Warner	Edson
Provost	Vulcan	Vauxhall	Evansburg
Mayerthorpe	Oyen	Cardston	Jasper

There is now a total of sixty-three Examination Centres in the Province staffed by a total of thirty-three Examiners, including the Chief and Assistant Chief Examiner.

During the 1958 calendar year a total of 66,505 persons were examined. Of this number 39,674 were approved, 49 failed completely and the remainder held in abeyance for further training or corrective measures.

Restrictions placed on operators' licenses were as follows:

Glasses	8,024
Special Equipment	3,839
Area	279
Speed	39
Motorcycle only	154
Daylight driving only	30

FINANCIAL RESPONSIBILITY:

The Financial Responsibility office continues to publish quarterly the list of suspended drivers for the benefit of License Issuing Officers and Law Enforcement Agencies. The latest edition contained a total of 11,905 names.

CONVICTION RECORD FOR 1958:

	1957		1958	
	V.H.T. Act	C.C.C.	V.H.T. Act	C.C.C.
Edmonton	13,063	663	15,661	790
Calgary	3,912	459	5,199	540
Lethbridge	1,638	92	2,118	144
Medicine Hat	575	49	404	44
All Others	15,425	929	16,705	1,092
TOTAL	34,613	2,192	40,087	2,610
Convictions under Section 222 of C.C.C. (Driving while intoxicated)		103		74
Conviction under Section 223 of C.C.C. (Driving while impaired)		1,405		1,522

ACCIDENT STATISTICS:

	1957	1958
All classes	22,477	23,644
Property damage (exceeding \$100.00)	18,801	19,974
Fatal accidents	214	302
Number of persons killed	252	298
Accidents involving bodily injury	4,507	4,861
Number of persons injured	6,573	7,227
Number of vehicles impounded		
(Pursuant to Sect. 173 V.H.T. Act)	2,712	2,769
Number of vehicles released	2,650	2,743

OPERATORS' LICENSES:

During 1958, the second year of the five-year licensing program, the licenses issued rose to 433,914. By the use of business machines the Division has now converted completely to the birthdate system of renewal. Each license will expire five years from the licensee's birthday. Present indications are that approximately 3,000 new operators are being registered each month.

DRIVER REVIEW BOARD:

During the 1958 calendar year the Board sat on ten occasions to review a total of 123 cases. Sixty-four operators' licenses were reinstated on a probationary basis while fourteen were reinstated unconditionally. Seven licenses were revoked on medical grounds after consultation and advice from independent physicians, while eleven were revoked due to recurring infractions of the motor vehicle laws. The balance was held in abeyance pending further investigation.

HIGHWAY TRAFFIC BOARD:

This report covers the period from April 1, 1958 to March 31, 1959. During that period the Board held twelve (12) regular meetings and three (3) special meetings. In addition, the Board held four (4) public hearings with respect to applications for extra-provincial operating authority.

EXTRA-PROVINCIAL CARRIERS:

During the period in question the Board reviewed a large number of applications and granted a total of one hundred and forty (140) Operating Authority Certificates, distributed as follows:

Canadian Section

General merchandise	18
Household goods	55
Petroleum products	5
Livestock	6
Oilfield equipment and supplies	2
Specified commodities	21
TOTAL	107

American Section

General merchandise	3
Household goods	4
Produce	16
Oilfield equipment and supplies	12
Specified commodities	2
TOTAL	37

During the year 1958 a decision was made to bring Alberta carriers under the control exercised over extra-provincial carriers. After reviewing the very large number of applications submitted, the Board issued one hundred and eighty-five (185) Operating Authority Certificates to Alberta resident carriers. Such certificates were distributed as follows:

General merchandise	35
Household goods	15
Petroleum products	26
Livestock	14
Oilfield equipment and supplies	28
Specified commodities	66
Produce	1
TOTAL	185

In conjunction with the foregoing the Board issued approximately 4,500 Motor Vehicle Reciprocity Permits.

As an indication to other jurisdictions, the Board also issued 584 "Alberta Resident Plates" certifying the holder of such plates to be a bona fide Alberta resident.

INTRA-PROVINCIAL CARRIERS:

(a) New Bus Franchises granted:

Sunburst Motor Coaches Ltd. .. St. Brides to Two Hills
Lethbridge Northern Bus Lines Twin Butte to Patricia

(b) Discontinued Services:

G. Petrone Hillcrest area
R. Roualt and L. Barby Ponoka to Provincial Mental Hospital
Northland Arrow Lines Ltd. Edmonton to Westlock
Sorenson Bus Lines Discontinued servicing of Benalto
J. Thomas Banff area

(c) Transfer to Bus Franchises:

From Cardinal Coach Lines to Sorenson Bus Lines.
From Caroline Bus Lines to Cardinal Coach Lines.

(d) Bus Certificates in effect as of March 31, 1959:

Alberta Eastern Bus Lines Ltd. Edmonton to Lloydminster
Beverly Bus Lines Ltd. Edmonton to Beverly
Edmonton to Clover Bar
Edmonton to Elk Island Park Sandy Beach
Blue Goose Lines Ltd. Edmonton to Lac La Biche
Branch Lines Ltd. Edson to Cadomin
Canadian Coachways Ltd. Valleyview to Highway Jct. 2-49
Edmonton to B.C. Border
Edmonton to High Prairie via Athabasca
Edmonton to High Prairie via Smith & Westlock
High Prairie to Grande Prairie
High Prairie to Hines Creek
Grande Prairie to Peace River
Peace River to N.W.T. Border
High Level to Fort Vermilion
Edmonton to Lac La Nonne
Falher to B.C. Border
Cardinal Coach Lines Ltd. Calgary to Stettler
Red Deer to Consort
Stettler to Drumheller
Three Hills to Red Deer
Calgary to Airdrie
Pincher Creek to Drywood

Cardinal Coach Lines Ltd.	Calgary Sight-seeing Service Calgary to Seebe with closed doors, south on Kananaskis-Forestry Road to Highwood River, thence to Longview, and return to Calgary via Turner Valley to sight-seeing routes Calgary to Spy Hill Jail Stettler to B.A. Plant, Nevis
Edmonton, City of	Edmonton to Canadian Chemical Company
Diamond Bus Lines Ltd.	Edmonton to Jasper Place Edmonton to Edmonton East Industrial Area, Highway 16A Edmonton to Campbelltown, Highway 16A
Dickens, Wm.	Coleman to Alberta-B.C. Boundary Bellevue to Alberta-B.C. Boundary
Pembina Bus Lines, S. Franklin	Edmonton to Lodgepole
Fraser, A. Bruce	Edmonton Sight-seeing Tours
Glacier Park Transport Company	Carway to Waterton Lakes National Park
H. J. St. Denys	Caroline to Red Deer Caroline to Rocky Mountain House Caroline to Calgary
Kotyshyn, A.	Two Hills to Duvernay Duvernay to Two Hills
Lethbridge Northern Bus Lines	Lethbridge to Turin Fort Macleod to Pincher Creek and Twin Butte Patricia to Drywood (Temporary Contract) Hardisty to Whitecourt (Temporary Contract)
Northland Arrow Lines Ltd. ..	Edmonton to St. Albert Edmonton to Westlock Edmonton to Fort Assiniboine Fort Assiniboine to Edith Lake
Prairie School Bus, Limited	Red Deer to Penhold Airport
Ratcliffe, W. H.	Calgary to Forest Lawn
Sorenson Bus Lines Ltd.	Red Deer to Rocky Mountain House Red Deer to Penhold Airport City of Red Deer Bus Service
Sunburst Motor Coaches Ltd. ..	Two Hills to St. Brides Edmonton to Chauvin Edmonton to Elk Point Edmonton to Cold Lake Edmonton to Saskatchewan Border Edmonton to Alliance Edmonton to Alix Edmonton to Alder Flats Sundre to Olds
Sundre Bus Lines	
Sunset Transportation Limited, W. C. Fleming	Calgary to Ammonia Plant
Truckey, Andrew	Onoway to Edmonton
Valley Bus Lines Ltd.	Drumheller to Nacmine Drumheller to Midlandvale Drumheller to Wayne Drumheller to East Coulee to Monarch Townsite Redcliff to Medicine Hat
Van Wert, T.	
Western Canadian Greyhound Lines, Limited	Edmonton to Lloydminster via Lamont Edmonton to Lloydminster via Elk Island Park Edmonton to Hinton Edmonton to Calgary Calgary to Lethbridge via Fort Macleod Calgary to Lethbridge via Vulcan Lethbridge to Cardston Lethbridge to Walsh Fort Macleod to Crowsnest Fort Macleod to Waterton Pincher Creek to Waterton Calgary to East Gate Banff National Park Hinton to East Gate Jasper National Park Calgary to Alberta-Saskatchewan Boundary Lethbridge to Coutts

Western Motor Coaches Ltd. .. Edmonton to Lacombe
Edmonton to Calmar via Woodbend & Devon
Edmonton to Calmar via Nisku & Devon

In addition the following mileage was travelled by all bus companies during the period ending March 31, 1959:

ACTUAL MILES TRAVELLED

Hard Surfaced Highways	Gravelled Highways	Total
5,794,526	2,375,693	8,170,219

PASSENGER MILES TRAVELLED

Hard Surfaced Highways	Gravelled Highways	Total
213,051,096	72,298,336	385,349,432

During the year approximately 4,474,059 passengers were carried.

SAFETY DIVISION:

The activities of this section were greatly increased as the following statistics will show:

Safety Division	Number Visited	Attendance
Schools	94	21,759
Home & Schools	79	4,303
Service Clubs	26	1,261
Public Meetings	15	2,046
Radio Programs	11	
T.V. Programs	2	
Conventions	8	
Special Investigations (for Highway Traffic Board)	50	

	Number Conducted	Contestants	Onlookers (approx.)
Car Road-eos	22	475	6,760

	Number Conducted	Attendance
Bus Drivers' Schools	14	726
Commercial Truckers' Schools	8	252

School Bus Inspections	2,256
Special Inspections	104
Total	2,360

